This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

HARVARD UNIVERSITY

STUDENTS' ASTRONOMICAL
LABORATORY

JOHN G. WOLBACH LIBRARY
HARVARD COLLEGE OBSERVATORY
60 GARDEN STREET
CAMBRIDGE, MASS. 02138

ANNALS

OF

THE ASTRONOMICAL OBSERVATORY OF HARVARD COLLEGE

EDWARD C. PICKERING, DIRECTOR

VOLUME LXXIV

A CATALOGUE OF 16,300 STARS

OBSERVED WITH THE

12-INCH MERIDIAN PHOTOMETER

PRINTED FROM FUNDS RESULTING FROM THE WILL OF
JOSIAH QUINCY, JUN.
WHO DIED IN APRIL, 1775, LEAVING A NAME INSEPARABLY CONNECTED WITH THE HISTORY OF THE AMERICAN REVOLUTION

CAMBRIDGE, MASS.
Published by the Observatory
1913

91-2
74

PREFACE.

THE work of the 12-inch Meridian Photometer may be divided into two parts. First, stars selected from zones of the Durchmusterung, whose photometric magnitudes are contained in H.A. 70. Secondly, a large number of stars forming several different catalogues, whose photometric magnitudes are contained in the present volume. The total number of photometric settings is 726,952 all of which were made by the writer.

Miss Florence Cushman has had charge of the reductions and of the preparation of the volume for printing, with the assistance of Miss Amy J. McKay and Miss Grace R. Brooks.

EDWARD C. PICKERING,
Director of the Observatory of Harvard College.

CAMBRIDGE, U. S., *October 22, 1912.*

GENERAL CATALOGUE OF FAINT STARS.

Besides the catalogue of Durchmusterung zones contained in H.A. 70, a number of investigations have been undertaken with the 12-inch Meridian Photometer. The method of observation was substantially the same as that described in H.A. 70. The measures of each star were arranged in sets of four photometric settings each, and, on the average, one star out of four had already been measured with the 4-inch Meridian Photometer. These stars were adopted as standards, and the observations were reduced differentially to the scale of magnitudes established by them. The magnitudes assumed for these standards were generally taken from H.A. 24, Table I, but sometimes from H.A. 54, and in the case of the brighter stars from H.A. 50. Sometimes the standard stars were measured with the others in the order of right ascension, and sometimes, especially in the case of comparison stars for variables, five standard stars were observed at the beginning, and five at the end, of each sequence.

Each class of stars is described below, preceded by a number which will be entered in the Catalogue, Table I, for each star, to indicate the reason for observing it.

1. Standard stars already observed with the 4-inch Meridian Photometer, and now observed only to determine the magnitudes of other stars.

2. Sequences for 17 Circumpolar Variables, taken from H.A. 37, Table I. One of the first investigations undertaken with the 12-inch Meridian Photometer was the determination of the brightness of a portion of these stars. These measures were made in 1898, and they were repeated more carefully in 1908, thus forming one of the last researches undertaken with this instrument. Measures of many of these stars are contained in H.A. 54. Accordingly, in the later work, additional standards were not selected for this investigation. The earlier measures were reduced by the adopted magnitudes in

H.A. 37. Positions for all of these stars will be found in Table I of H.A. 37, which will serve to identify those which are too faint to be contained in the Bonn Durchmusterung.

3. Sequences of Comparison Stars for 96 Variables discovered photographically, taken from H.A. 47, Table I. Only the variables north of declination −24° are included. Stars not contained in the Durchmusterung may be identified from the positions given in H.A. 47. Five standard stars, taken from H.A. 54, were first measured, then the stars in the sequence in the order of right ascension, then a second measure of the latter stars, and finally, the five standard stars. The variable, if visible, was measured three times, and the results will be given in another volume.

4. Sequences of Comparison Stars for 204 Variables of long period having a range of three magnitudes or more, and whose magnitude at maximum is 9.0, or brighter, taken from H.A. 57, Table XIV. Stars too faint to be included in the Durchmusterung may be identified from the positions given in H.A. 57. The method of observation was the same as in No. 3.

5. Sequences of Comparison Stars for 76 Variables taken from Hagen's Atlas Stellarum Variabilium, and not included in H.A. 37, 47, or 57. The greater portion of these stars were taken from Hagen's Fourth Series. Positions for all of these stars are given by Hagen. The method of observation was generally the same as in No. 3. In a few cases, one of the comparison stars was selected as a standard, and the measures of the other stars referred to it.

6. Sequences of Comparison Stars, selected by Schönfeld for 4 Variables. The magnitudes thus found were used in the reduction of the estimates by Schönfeld, contained in H.A. 64, No. 3. The method of observation was the same as in No. 3.

7. Sequences of Comparison Stars for 126 Variables for which the results are given in H. A. 63, Part 2. They include variables of short period, and Algol variables whose magnitude at maximum is 11.0, or brighter, and whose range exceeds one magnitude. A number of variables of long period are included, of the same class as those contained in H.A. 57, but which have been discovered since the publication of that work. The method of observation was generally the same as in No. 3. In some cases, five stars near the

North Pole were observed before and after each sequence of Comparison Stars. The magnitudes were derived from them, applying a correction for differential absorption.

8. A Zone of 6100 stars, situated between 0° 40′ and 1° 0′ North Declination, was observed here during the years 1859 and 1860. The results are published in H.A. 6, and photometric measures of the stars in the northern half of this zone are contained in H.A. 13, Part 2. In general, the first ten stars in each thirty minutes of right ascension were selected and two adjacent stars from H.A. 24 were added, if necessary, to furnish standards for determining the magnitudes. One set of four settings was made on each of two nights.

9. The photographic magnitudes of about ten thousand stars have been measured by Miss E. F. Leland. One star was selected from the Durchmusterung near the centre of each square degree, in the region between the Equator and +30°. Preference was given to the fainter stars. Photometric measures were made on three nights, of the stars in 0° to +4° inclusive. To reduce these measures, standard stars, between declination 0° 0′ and +0° 10′, and +4° 50′ to +5° 0′ were selected from H.A. 24. The first star in each 10^m in right ascension in each of these zones was inserted in the observing list, and all the stars were observed in the order of right ascension.

10. A few stars, in declination between +30° and +35°, were observed in the same way as those in No. 9.

11. Sequences of stars near the centres of the regions 30° square which have been adopted here as standards. Photometric magnitudes of all stars of the magnitude 7.5 and brighter in the Bonn Durchmusterung will be found in H.A. 50 or 54. Sequences of 10 stars were selected from the Durchmusterung, for each of these regions. For the northern regions, two stars of the magnitude 9.5 were taken and the remaining eight were distributed as uniformly as practicable as regards magnitude, subject to the condition that, when possible, they were within half a degree, in each coördinate, of the centre of the region. The two faintest stars in the southern sequences had the magnitude 10.0. In addition to these, five still fainter stars were selected, in each region, by the observer at the photometer. Five adjacent stars were taken from H.A. 54 as standards, and each was observed twice, once with

shade b, between the first and second measures of the stars in the sequence. The Polar stars, +89° 29, +89° 35, +89° 37, h, +89° 1, and +89° 3 were also commonly observed after each set of measures. The star, h, is No. 302 in H.A. 48, 27.

12. Stars contained in the Revised Harvard Photometry, H.A. 50, and north of declination −25°, whose magnitudes depend on measures in one catalogue only. They are indicated in H.A. 50 by the letter A in the tenth column. A second measure was made of each star, interposing a shade which reduced the light by about 2.5 magnitudes. As the successive stars observed were in various declinations, they would be affected by differential atmospheric absorption. A correction was therefore applied to their magnitudes as given in H.A. 50, and these corrected magnitudes were used in reducing the observations.

13. Stars of the magnitude 5.00 and brighter, north of declination −25°. By inserting shades, b, c, d, and e, which reduced the light about 2.6, 5.1, 7.8, and 10.3 magnitudes, respectively, even the brightest stars could be measured. The observations of the stars which were included in the regions of the zones published in H.A. 70, are inserted in that work. Each star was measured, using successively one or more of the shades which reduced its light by a convenient amount.

14. Stars brighter than the magnitude 2.00 with three adjacent stars, of about the fifth, ninth, and twelfth magnitudes. The bright star was measured with two shades, generally d and e, the second star with shades b and c, the third with and without shade b, and the faint star twice without shade. A large part of the observations have been omitted since the absorption of the denser shades could not be determined with accuracy.

15. A sequence of stars in the Pleiades taken from H.A. 18, 153. The brightest star, a, was η Tauri, and the faintest, m of that sequence. These stars were measured in several different years, under varying conditions.

16. Sequences in coarse clusters, and in the four globular clusters, Messier 3, 5, 13, and 15. Sequences were selected like those in No. 11. Each star was observed twice. After the first measure, five standard stars were observed with and without shade b or g. For the globular clusters, one observation each, of five standard stars, was made at the beginning of the sequence.

17. Stars used as comparison stars for variables, or asteroids, observed by Professor Wendell with the photometer, having achromatic prisms, attached to the 15-inch Equatorial. Each star was observed alternately, with an adjacent star contained in H.A. 24.

18. Stars selected as standards by Professor Kapteyn for his Selected Areas.

19. Comparison stars used in parallax investigations of Yale Observatory.

20. Comparison stars and stars observed for parallax by Professor Henry N. Russell.

21. Comparison stars for observing Halley's Comet. See H.C. 156.

22. Comparison stars for asteroids observed by Professor Wendell.

23. Comparison stars for Eros.

24. Stars whose spectra are of the fourth type, fifth type, and peculiar, including a few gaseous nebulae.

25. Miscellaneous stars not included in the above classes.

Since these stars were observed simultaneously, and under the same conditions as those in H.A. 70, the accuracy is sufficiently indicated by the residuals in that work. Instead of printing the results for each set of four settings in the present work, the mean magnitude is given for each object observed under the same conditions, and generally for observations made in the same year.

The results of the observations are contained in Table I. A description is given below of the successive columns prefixed, in each case, by the heading of the column.

DM. The number of the star in the Bonn Durchmusterung for stars whose position in 1855 was north of declination −23°. For stars south of this limit the Cordoba Durchmusterung was used. The number of the zone is generally the same as the degree of declination given in the third column. When they differ, owing to precession, the number in the first column is printed in Italics. The number of the nearest zone is then to be substituted. For stars between 6^h and 18^h of right ascension, the nearest zone is always the northern, for other stars, the southern. The letter A is inserted at the top of a column to indicate that the star is the same as that at the bottom of the preceding column.

R. A. 1900. The hour, minutes and tenths of the right ascension for 1900.

Dec. 1900. The degrees and minutes of the declination for 1900.

DM. Magn. The magnitude according to the Bonn Durchmusterung for stars north of declination $-23°$, and to the Cordoba Durchmusterung for stars south of $-23°$.

Ptm. Magn. The photometric magnitude resulting from the measures with the 12-inch Meridian Photometer.

Opp. The year of opposition omitting the two left hand figures. The word opposition is here used in the sense in which it is described in H. A. 23, 46, and 64, 202. Since the observations were generally made between seven and eleven in the evening, each star might be observed during a period of about two months. Thus, a star having a right ascension of $0^h\ 0^m$ could ordinarily be observed during October and November of each year, a star at $4^h.0^m$ during December and January. It would evidently be better to include with the observations in January of any year those of the December of the preceding year, rather than those of the December of the same year, since the latter would be taken after an interval of ten months. The opposition of any given year may be regarded as including not only the greater portion of the observations made in that year but also the observations in the early hours of right ascension made in the latter part of the preceding year, and those made in the late hours of right ascension in the following year. In other words, observations in the earlier hours of right ascension made during the latter part of a year will be included in the opposition of the following year, and observations of the later hours of right ascension made in the earlier part of a year will be included in the opposition of the preceding year. The object of this division is to place together all observations made at about the same time, instead of combining those separated by an interval of nearly a year.

When the image of a star was brighter than that of the artificial star a direct measure could not be made. Photographic shades were then interposed reducing the light of the real star. These shades are indicated by the letters b, c, d, and e, and reduced the light by approximately 2.6, 5.1, 7.8, and 10.3 magnitudes, respectively, as stated on page 4. It appeared, however, that the amount of this reduction was not constant, and accordingly these observations were reduced independently like the observations made without shade. In order to obtain a second independent measure of the light of a star, a piece of shade glass was occasionally interposed, designated by the letter g. The assumed absorption of this shade was 0.90. The letter i is used to indicate that the magnitude is derived from measures of the image formed by two reflections from the surface of a plane mirror placed near the eyepiece to bring into the field the images of the artificial star. The difference in brightness of the principal and secondary images of any star is assumed to be 5.9 magnitudes. The measures indicated by these letters are not very satisfactory, and are inserted to illustrate the method, rather than to furnish accurate magnitudes. They generally relate to bright stars, for which H.A. 50 and 54 furnish more accurate magnitudes.

Obs. The number of observations, each consisting of four settings, which are combined in deriving the magnitude.

Gr. The number of the group, given on page 2, which indicates the reason for selecting the star for observation.

Res. The residual found by subtracting the magnitude given in the fifth column from that obtained with the 4-inch Meridian Photometer. The second of these magnitudes is taken from H.A. 50, or from the mean of the magnitudes given in H.A. 54.

As an example, the first star is -1° 4525, whose position for 1900 is R. A. = $0^h\ 0^m.0$, Dec. = $-1^\circ\ 4'$. Its magnitude in the Bonn Durchmusterung is 7.0. Three observations with shade b during the opposition of 1908 gave the magnitude 6.50, and an equal number with shade c, gave the magnitude 6.45. The magnitude of this star in H.A. 50, is 6.28, but as this magnitude depended on only a single catalogue it was redetermined with the 12-inch Meridian Photometer.

In the Remarks following Table I, different stars having the same right ascension are distinguished by the letters a, b, c, etc.

TABLE I.

GENERAL CATALOGUE.

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° '						
4525	0 0.0	− 1 4	7.0	6.50	08b	3	12	*22*
"	"	" "	"	6.45	08c	3	"	*17*
6357	0.2	− 6 16	5.2	4.54	03c	1	13	14
"	"	" "	"	4.68	03d	1	"	00
"	"	" "	"	4.76	04b	2	"	*08*
"	"	" "	"	4.70	04c	2	"	*02*
4408	0.3	+45 16	8.3	8.49	09	4	19	13
5217	0.4	+39 19	9.5	10.84	10	4	7	..
6227	0.4	−10 10	7.5	7.47	01	3	1	*36*
4831	0.5	+42 50	8.5	8.58	07	4	3	..
6415	0.6	−15 56	8.2	8.40	05	6	4	..
2668	0.8	+60 19	8.8	9.08	08	4	1	*12*
2865	1.0	+57 53	6.5	5.95	08b	3	12	15
"	"	" "	"	6.06	08c	3	"	04
4833	1.0	+43 1	9.5	11.38	05	4	25	..
4553	1.3	+45 13	8.8	9.44	07	4	1	*02*
"	"	" "	"	9.32	09	4	"	10
2700	1.4	+58 20	8.8	9.36	08	5	20	..
4834	1.4	+43 13	9.0	8.68	07	4	3	..
4704	1.4	+28 29	7.5	5.99	08b	3	12	21
"	"	" "	"	6.08	08c	3	"	12
"	"	" "	"	6.23	09	4	19	*03*
4753	1.5	+ 2 31	9.3	10.61	01	3	9	..
2829	1.6	+60 4	9.5	10.39	99	1	25	..
2701	1.6	+58 46	9.2	9.53	08	4	20	..
4	1.7	−23 40	6.3	6.56	08b	3	12	*50*
"	"	" "	"	6.80	08c	3	"	*74*
4934	2.0	+ 3 19	9.3	10.51	01	3	9	..
5086	2.1	+ 0 28	9.5	10.13	01	3	9	..
3115	2.2	+55 5	8.8	9.04	05r	5	1	*23*
"	"	" "	"	8.98	07	5	"	*17*
5091	2.2	+ 4 18	9.5	9.82	01	3	9	..
5087	2.2	+ 1 6	8.9	8.89	01	4	1	15
"	"	" "	"	8.90	01g	4	"	14
"	"	" "	"	9.01	08	4	8	03
1	2.4	+ 1 36	9.5	11.88	01	3	9	..
5	3.0	+ 1 11	9.3	9.83	08	3	8	..
1	3.1	+58 41	9.0	9.96	08	4	20	..
4	3.1	+ 0 7	9.5	10.58	02	2	25	..
5	3.1	+ 0 8	9.5					
3	3.2	+54 9	9.0	8.78	09	4	7	..
4	3.2	+28 32	2.0	2.15	04c	3	13	00
"	"	" "	"	2.18	04d	2	"	*03*
3	3.3	+34 22	7.2	7.46	09	2	19	*06*
"	"	" "	"	7.60	09b	2	"	*20*
4	3.4	+ 5 4	9.0	9.10	01	3	1	20
	h. m.	° '						
A	0 3.4	+ 5 4	9.0	9.22	01g	3	1	08
9	3.7	+45 10	9.0	9.72	07	4	1	15
"	"	" "	"	9.82	09	4	"	*25*
1	3.8	+79 10	6.5	6.17	08b	4	12	05
"	"	" "	"	6.08	08c	3	"	14
3	3.8	+58 36	2.2	2.42	04c	2	13	00
"	"	" "	"	2.45	04d	2	"	*03*
"	"	" "	"	2.30	05c	1	"	12
"	"	" "	"	2.42	05d	1	"	00
6	4.2	+58 24	9.4	10.31	08	4	20	..
8	4.4	+58 47	8.6	9.41	08	4	20	..
10	4.5	+54 10	9.4	9.77	09	2	25	..
9	4.7	+59 5	8.9	8.93	08	4	20	..
..	4.8	+ 1 11	..	12.27	08	3	8	..
2	4.9	+75 17	8.5	8.08	08	3	18	49
"	"	" "	"	8.25	08b	3	"	32
16	4.9	+45 50	7.7	7.59	09	4	19	..
20	5.0	−24 50	10	11.77	04	1	25	..
8	5.1	+ 1 38	9.5	10.36	01	3	9	..
..	5.3	+ 1 4	..	11.28	08	3	8	..
5	5.4	+60 15	8.7	8.42	08	4	1	14
19	5.4	+58 11	8.9	8.84	08	4	20	..
11	5.4	− 9 51	8.5	8.84	01	3	1	17
8	5.5	+54 47	7.8	8.12	09	4	7	04
12	5.5	+ 4 22	9.3	10.09	01	3	9	..
14	5.5	+ 3 28	9.5	10.30	01	3	9	..
10	5.6	+ 2 37	9.5	10.56	01	3	9	..
..	5.6	+ 1 9	..	12.72	08	3	8	..
18	5.8	+45 14	9.0	9.31	07	4	1	16
"	"	" "	"	9.42	09	4	"	05
11	5.8	+29 1	8.5	8.78	09	2	19	..
"	"	" "	"	8.79	09b	2	"	..
..	6.0	+ 1 4	..	12.23	08	3	8	..
..	6.0	+ 0 45	..	11.82	01	1	9	..
14	6.1	+54 8	9.5	10.61	09	4	7	..
19	6.1	+50 17	8.9	9.22	10	4	1	05
9	6.1	+ 0 43	9.2	9.66	01	3	9	..
..	6.2	+ 0 39	..	10.70	01	4	9	..
15	6.4	+54 15	9.4	10.08	09	4	7	..
..	6.5	+ 1 7	..	11.57	08	3	8	..
..	6.5	+ 1 8	..	12.11	08	3	8	..
24	6.6	+50 12	8.7	9.03	10	4	1	*11*
..	6.6	+ 1 7	..	12.32	08	3	8	..
..	6.8	+68 9	..	10.34	09	3	2	..
13	6.8	+58 37	9.5	10.56	08	4	20	..
10	6.8	+54 28	8.5	8.40	09	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
11	0 6.9	+54 33	8.3	8.60	09	4	7	..
24	7.2	+45 23	8.0	8.34	06	6	1	22
“	“	“ “	“	8.44	07	4	“	12
“	“	“ “	“	8.31	09	4	“	25
..	7.4	+43 5	..	12.40	10	4	7	..
20	7.6	−19 45	8.9	9.13	00	1	25	05
21	7.7	+55 18	8.0	8.04	09	6	1	*13*
24	7.7	+43 0	8.9	8.86	09	2	7	..
“	“	“ “	“	8.91	10	4	“	..
..	7.7	+ 1 9	..	12.57	08	3	8	..
27	7.8	+43 10	9.3	9.48	09	2	7	..
“	“	“ “	“	9.27	10	4	“	..
..	7.8	+ 1 9	..	12.75	08	3	8	..
..	8.0	+43 11	..	12.03	10	4	7	..
..	8.1	+43 14	..	11.82	10	4	7	..
16	8.1	+25 16	8.5	9.12	05	7	1	*16*
14	8.1	+14 38	2.5	2.95	04cr	3	13	*08*
“	“	“ “	“	2.76	04d	3	“	11
29	8.3	+43 6	9.5	9.90	09	2	7	..
“	“	“ “	“	10.06	10	4	“	..
17	8.4	+ 0 18	8.8	9.61	01	7	1	*18*
“	“	“ “	“	9.40	01g	1	“	03
“	“	“ “	“	9.76	02	2	“	*33*
“	“	“ “	“	9.78	02g	2	“	*35*
..	8.5	+43 12	..	11.72	10	2	7	..
..	8.5	+43 2	..	11.34	10	4	7	..
..	8.6	+43 13	..	12.55	09	4	7	..
17	8.9	+25 7	8.3	8.21	05	7	1	15
..	9.0	+43 6	..	10.99	10	4	7	..
38	9.4	+58 3	9.0	9.68	09	1	25	..
27	9.4	+19 39	5.0	4.81	04b	3	13	13
“	“	“ “	“	4.90	04c	3	“	04
39	9.5	+58 14	8.7	8.63	09	4	7	..
40	9.5	+57 19	8.9	9.12	09	4	7	..
32	9.6	+46 17	9.2	9.27	06	6	4	..
38	9.6	+46 14	8.6	8.88	06	6	4	..
21	9.6	−19 30	5.0	4.79	03c	1	13	*11*
“	“	“ “	“	4.88	03d	1	“	*20*
“	“	“ “	“	4.68	04b	2	“	00
“	“	“ “	“	4.72	04c	2	“	*04*
41	9.7	+57 41	9.4	9.57	09	4	7	..
19	9.7	+55 9	9.0	9.18	09	6	1	*22*
23	9.8	+ 1 45	9.5	11.99	01	3	9	..
“	“	“ “	“	11.93	02	1	“	..
15	9.9	+14 32	9.2	9.24	01	5	25	*21*
“	“	“ “	“	9.13	01g	5	“	*10*
21	9.9	+ 2 31	9.5	10.45	01	3	9	..
23	9.9	+ 0 37	9.5	11.29	01	3	9	..
40	10.0	+46 14	9.2	9.68	06	6	4	..
25	10.1	+ 3 29	9.5	10.35	01	3	9	..
	h. m.	° ′						
35	0 10.3	+49 30	7.5	7.34	10	4	7	34
40	10.5	+46 33	9.5	10.41	06	6	4	..
34	10.5	−14 47	9.0	9.33	06	1	1	*10*
..	10.6	+46 25	..	12.48	06	6	4	..
24	10.6	+ 4 38	9.5	10.56	01	3	9	..
25	10.7	+ 5 5	9.5	10.61	03	1	25	..
45	10.8	+57 37	9.2	9.87	09	4	7	..
36	10.9	+55 19	8.9	9.08	09	6	1	*10*
41	10.9	+46 39	9.5	11.16	06	6	4	..
..	10.9	+46 35	..	11.26	06	6	4	..
38	11.0	+49 41	8.8	8.88	07	2	17	..
“	“	“ “	“	9.18	07b	2	“	..
“	“	“ “	“	8.83	09	2	“	..
“	“	“ “	“	9.29	10	4	7	..
..	11.0	+46 20	..	11.98	06	6	4	..
37	11.0	+43 32	9.5	10.76	09	4	20	..
31	11.0	+29 59	8.6	8.81	00	1	25	..
47	11.1	+58 4	9.5	10.29	09	4	7	..
..	11.1	+14 39	..	11.78	00	2	25	..
42	11.2	+46 15	9.5	10.84	06	6	4	..
43	11.2	+42 57	9.1	9.56	09	4	20	..
44	11.4	+42 58	9.1	9.58	09	4	20	..
30	11.4	+15 17	8.2	8.31	08	3	18	*07*
“	“	“ “	“	8.14	08b	3	“	10
40	11.5	+43 53	9.1	9.20	09	4	20	..
..	11.8	+49 44	..	11.22	10	4	7	..
34	11.9	+38 8	4.5	4.60	04b	3	13	*16*
“	“	“ “	“	4.62	04c	3	“	*18*
40	12.0	+50 1	9.0	9.36	10	4	7	..
42	12.0	−14 54	8.8	8.98	06	1	1	17
41	12.2	+49 44	9.0	9.48	06	4	24	..
“	“	“ “	“	9.79	06b	4	“	..
48	12.2	+46 30	8.9	9.54	06	6	4	..
54	12.3	+45 13	8.8	8.79	07	4	1	*07*
“	“	“ “	“	8.91	09	5	“	*19*
“	“	“ “	“	8.67	10	4	“	05
44	12.4	+43 27	8.1	7.73	09	4	20	..
45	12.6	+44 1	7.0	7.33	09	4	20	21
28	12.7	+ 1 8	7.0	6.51	01i	1	“	*08*
“	“	“ “	“	6.32	02g	2	1	11
52	12.8	+45 39	7.0	6.88	06	6	1	13
42	12.9	+55 20	8.7	8.74	09	6	1	32
29	13.0	+34 56	9.4	10.61	04	2	25	..
49	13.0	−14 52	8.5	9.27	01	3	1	*02*
“	“	“ “	“	9.28	08	3	18	*03*
“	“	“ “	“	9.64	08b	3	“	*39*
42	13.1	+49 38	9.5	11.10	06	4	25	..
“	“	“ “	“	11.03	10	4	7	..
44	13.1	+36 14	4.5	4.39	04b	3	13	12
“	“	“ “	“	4.34	04c	3	“	17

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
29	0 13.5	+25 11	8.8	9.31	05	7	1	*30*
32	13.7	+ 0 31	9.5	10.37	01	3	9	..
30	13.9	+ 5 5	9.4	10.70	01	1	25	..
“	“	“ “	“	10.76	01g	1	“	..
40	13.9	+ 1 53	9.5	10.97	01	3	9	..
31	14.0	+ 3 30	9.5	10.54	01r	3	9	..
52	14.1	+43 20	9.4	9.61	09	4	20	..
34	14.1	+ 2 35	9.5	10.50	01r	3	9	..
53	14.2	+43 7	8.9	8.47	09r	3	20	..
31	14.3	+ 4 23	9.5	10.95	01r	1	9	..
“	“	“ “	“	11.33	02	1	“	..
32	14.3	+ 5 12	8.8	8.77	01	2	1	14
“	“	“ “	“	8.84	01g	2	“	07
“	“	“ “	“	8.98	02	1	“	*07*
“	“	“ “	“	8.81	02g	1	“	10
48	14.3	− 9 23	3.9	3.90	03c	1	13	*15*
“	“	“ “	“	3.75	03d	1	“	00
“	“	“ “	“	3.77	04c	2	“	*02*
“	“	“ “	“	4.08	04d	2	“	*33*
36	14.4	+34 46	9.2	9.64	04	1	25	..
49	14.5	+50 12	8.3	8.34	10	4	1	13
6	14.7	+80 8	9.0	9.08	06	5	1	09
79	14.8	+48 18	7.6	6.42	08b	3	12	*15*
“	“	“ “	“	6.46	08c	3	“	*19*
47	14.8	+15 42	7.0	6.52	02g	3	1	25
52	15.0	+50 7	8.6	8.79	10	4	1	18
55	15.0	+43 51	9.2	9.72	09	4	20	..
49	15.0	− 9 37	8.5	8.93	01	3	1	*07*
34	15.2	+ 4 13	8.0	7.72	02	3	25	..
“	“	“ “	“	7.61	02g	3	“	..
57	15.3	+43 9	8.0	7.87	09	4	20	..
37	15.8	+26 25	8.8	9.10	01	6	25	*18*
“	“	“ “	“	8.99	01g	6	“	*07*
33	16.0	+25 8	8.5	8.95	05	6	1	01
53	16.0	− 9 40	8.6	8.76	01	3	1	*10*
41	16.1	+55 11	9.5	9.71	99	4	2	06
“	“	“ “	“	10.06	10	6	“	*29*
39	16.1	+ 4 41	9.3	9.97	01	3	9	..
43	16.1	+ 1 37	9.5	10.61	01	3	9	..
55	16.1	−9 47	8.7	9.35	01	3	1	*13*
41	16.2	+ 0 48	9.3	10.13	01	3	9	..
40	16.3	+26 24	7.5	7.94	01	6	25	18
“	“	“ “	“	7.89	01g	6	“	25
42	16.7	+26 38	8.1	8.60	01	6	25	*11*
“	“	“ “	“	8.51	01g	6	“	*02*
43	16.7	+ 0 21	8.9	9.09	01	2	1	04
“	“	“ “	“	9.03	01g	1	“	10
“	“	“ “	“	9.05	02	1	“	08
“	“	“ “	“	9.21	02g	1	“	*08*
..	16.8	+58 37	..	10.54	06	4	25	..
..	0 16.8	+58 36	..	10.53	06	8	24	..
39	16.8	+ 2 22	9.5	11.23	01	1	9	..
“	“	“ “	“	11.26	02	2	“	..
..	17.2	+55 13	..	10.97	99	1	2	..
..	17.2	+55 12	..	11.84	99	3	2	..
“	“	“ “	“	11.68	10	4	“	..
69	17.2	+45 8	8.5	9.08	09	2	1	*11*
“	“	“ “	“	9.01	10	4	“	*04*
35	17.2	+ 3 50	9.5	11.12	01	1	9	..
“	“	“ “	“	11.30	02	2	“	..
..	17.6	+55 17	..	11.67	99	3	2	..
..	17.7	+55 12	..	12.19	99	2	2	..
..	17.7	+55 11	..	10.90	99	3	2	..
“	“	“ “	“	11.24	10	5	“	..
58	17.7	− 9 47	7.8	8.09	01	3	1	09
60	17.7	− 9 50	8.5	8.52	01	3	1	19
63	18.0	+55 23	9.5	10.36	99	2	2	..
“	“	“ “	“	10.31	10	6	“	..
49	18.0	+55 15	7.7	8.12	99	4	2	*16*
“	“	“ “	“	7.98	10	6	“	*02*
..	18.0	+55 14	..	12.23	99	1	2	..
..	18.0	− 9 55	..	12.50	01	6	5	..
..	18.1	+55 20	..	12.11	99	1	2	..
“	“	“ “	“	11.65	10	1	“	..
..	18.2	+55 16	..	12.09	99	4	2	..
“	“	“ “	“	12.06	10	7	“	..
..	18.2	− 9 59	..	12.91	01	6	5	..
50	18.3	+54 50	8.0	8.26	99	4	2	*08*
“	“	“ “	“	8.28	10	6	“	*10*
61	18.3	+53 53	8.8	9.16	07	4	17	..
“	“	“ “	“	9.18	07b	4	“	..
..	18.4	+55 22	..	10.77	99	3	2	..
“	“	“ “	“	10.63	10r	5	“	..
53	18.4	+29 7	9.0	8.70	09	2	7	..
“	“	“ “	“	9.15	10	2	“	..
61	18.4	− 9 30	9.5	10.53	01	12	5	*55*
58	18.6	−14 38	8.5	9.23	01	3	1	*12*
59	18.6	−14 43	8.8	9.61	01	3	1	*10*
64	18.7	+50 21	8.7	9.01	10	3	1	*34*
80	18.7	+45 11	8.9	9.34	09	2	1	*17*
“	“	“ “	“	9.28	10	4	“	*11*
58	18.7	+28 55	8.9	8.80	09	2	7	..
“	“	“ “	“	9.37	10	2	“	..
52	18.9	+55 2	8.4	8.54	99	4	2	08
“	“	“ “	“	8.48	10	6	“	14
83	18.9	+45 20	7.9	8.14	06	6	1	*02*
“	“	“ “	“	8.10	09	2	1	02
“	“	“ “	“	7.89	10	4	“	23
83	18.9	+45 12	9.3	9.68	09	2	1	29
“	“	“ “	“	10.12	10	4	“	*15*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
60	0 18.9	−14 54	8.5	8.83	01	3	1	*03*
“	“	“ “	“	9.03	06	1	“	*23*
65	19.0	+53 49	9.0	9.15	06	1	25	. .
“	“	“ “	“	9.21	06b	1	“	. .
. .	19.0	− 9 42	. .	12.67	01	6	5	. .
. .	19.0	− 9 56	. .	12.32	01	7	5	. .
66	19.1	+53 44	9.3	9.41	06	5	24	. .
“	“	“ “	“	9.38	06b	4	“	. .
59	19.3	+28 49	9.4	10.14	09	2	7	. .
“	“	“ “	“	10.22	10	2	“	. .
60	19.4	+29 1	9.5	10.76	09	2	7	. .
“	“	“ “	“	11.14	10	2	“	. .
50	19.4	+ 1 10	9.0	9.38	08	6	8	31
53	19.5	+55 10	9.5	10.36	99	4	2	*39*
“	“	“ “	“	10.20	10	6	“	*23*
60	19.5	+30 8	9.0	9.26	09	2	1	10
“	“	“ “	“	9.41	10	2	“	*05*
. .	19.6	− 9 42	. .	12.64	01	6	5	. .
62	19.8	+29 17	8.3	8.51	09	2	7	. .
“	“	“ “	“	8.58	10	2	“	. .
57	20.3	+ 1 23	6.2	6.36	01i	3	1	*37*
58	20.5	+55 10	8.9	9.01	99	4	2	*05*
“	“	“ “	“	9.01	10	6	“	*05*
59	20.6	+54 56	7.4	7.14	99	4	2	18
“	“	“ “	“	6.78	10	6	“	54
68	20.6	+53 46	9.5	10.26	06	4	25	. .
58	20.6	+ 1 46	9.5	10.49	01	3	9	. .
72	20.7	+56 13	7.0	6.76	99	3	2	04
42	20.8	+ 3 34	9.3	10.13	01	3	9	. .
52	20.9	+25 19	8.8	9.35	10	6	1	*09*
53	20.9	+ 0 22	9.5	11.47	01	1	9	. .
“	“	“ “	“	11.62	02	2	“	. .
63	21.0	+55 14	9.3	9.53	99	4	2	*06*
“	“	“ “	“	9.26	10	5	“	21
74	21.2	+56 5	6.5	6.66	99	3	2	*07*
50	21.4	+ 2 48	9.5	10.46	01	2	9	. .
“	“	“ “	“	10.24	02	1	“	. .
54	21.5	+ 4 39	9.5	10.82	01	1	9	. .
“	“	“ “	“	10.80	02	2	“	. .
95	21.6	+45 24	8.8	9.15	06r	5	1	*08*
58	21.7	+30 25	8.8	9.06	09	2	1	05
“	“	“ “	“	9.10	10	2	“	01
75	22.1	+30 8	8.8	9.31	09	2	1	00
“	“	“ “	“	9.30	10	2	“	01
60	22.2	+30 21	8.5	8.26	09	2	1	15
“	“	“ “	“	8.06	10	2	“	35
70	22.2	−14 48	8.2	8.71	01	3	1	05
“	“	“ “	“	8.62	06	1	“	14
56	22.3	+35 2	8.1	8.31	07br	1	“	29
59	22.3	+15 29	6.7	6.75	02g	3	1	*18*
59	0 23.0	+34 43	8.0	8.46	07	2	17	. .
“	“	“ “	“	8.96	07b	2	“	. .
74	23.6	+20 4	9.1	10.99	00	1	25	. .
10	24.1	+80 49	7.9	8.16	06	6	1	*06*
85	24.1	+30 10	8.6	8.89	08	3	18	*23*
“	“	“ “	“	8.64	08b	3	“	02
“	“	“ “	“	8.98	09	2	1	*32*
“	“	“ “	“	8.96	10	2	“	*30*
70	24.3	+ 1 33	9.4	10.19	01	2	9	. .
“	“	“ “	“	9.95	02	1	“	. .
119	24.8	+45 24	8.5	8.75	06r	5	1	*23*
57	24.8	+ 2 36	9.5	10.96	01	2	9	. .
“	“	“ “	“	10.71	02	1	“	. .
53	25.1	+15 14	7.8	7.62	02	2	1	*47*
“	“	“ “	“	7.32	02g	1	“	*17*
56	25.3	+15 6	8.9	9.18	02	3	1	26
69	25.6	+15 28	7.0	7.07	02g	3	1	*13*
55	25.6	+ 3 39	9.4	10.26	01	2	9	. .
“	“	“ “	“	10.52	02	1	“	. .
. .	26.0	+13 52	. .	13.25	02	9	5	. .
68	26.0	+ 0 59	9.3	10.41	01	2	9	. .
“	“	“ “	“	10.57	02	1	“	. .
82	26.2	+53 59	5.2	4.70	04b	2	13	18
“	“	“ “	“	4.68	04c	2	“	20
“	“	“ “	“	4.90	05b	1	“	*02*
“	“	“ “	“	4.99	05c	1	“	*11*
54	26.2	+20 34	7.5	7.66	09	2	19	24
“	“	“ “	“	7.84	09b	2	“	06
73	26.4	+15 28	7.0	7.27	02	1	1	*18*
“	“	“ “	“	6.94	02g	2	“	15
71	26.6	+25 10	9.0	9.23	10	5	1	03
. .	26.6	+14 10	. .	12.12	02	6	5	. .
65	26.7	+60 18	9.4	10.14	99	1	25	. .
. .	26.7	+25 33	. .	11.59	10	4	7	. .
67	26.7	+ 4 37	9.3	10.22	01	2	9	. .
“	“	“ “	“	10.20	02	1	“	. .
. .	26.8	+25 24	. .	11.14	10	4	7	. .
. .	26.8	+13 57	. .	12.86	02	11	5	. .
. .	26.9	+25 35	. .	11.85	10	1	7	. .
. .	27.0	+25 26	. .	13.07	10	5	7	. .
60	27.0	+15 10	8.5	8.37	02	3	1	07
99	27.1	+42 57	6.5	6.74	08	1	12	*31*
“	“	“ “	“	6.72	08b	3	“	*29*
“	“	“ “	“	6.54	08c	3	“	*11*
67	27.1	+25 16	8.9	9.05	10	5	1	01
61	27.1	+15 7	9.2	9.69	02	3	1	00
102	27.3	+62 23	4.5	4.48	05b	2	13	*24*
“	“	“ “	“	4.12	05c	3	“	12
“	“	“ “	“	4.12	05d	1	“	12
73	27.3	+25 13	9.2	9.90	10	4	7	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
68	0 27.4	+25 28	9.4	10.60	10	4	7	..	A	0 32.4	+ 2 35	6.8	6.62	08c	3	12	*04*
65	27.4	+13 43	9.5	10.26	02	6	5	..	*89*	32.4	+ 1 10	9.2	10.26	08	3	8	..
..	27.5	+80 3	..	10.54	06	6	4	..	82	32.5	+20 33	7.5	6.88	09	2	19	09
..	27.5	+14 11	..	12.45	02r	5	5	..	"	"	" "	"	6.90	09b	2	"	07
84	27.6	+27 44	7.0	6.41	08b	3	12	*03*	104	32.5	+ 1 33	9.4	10.65	02	3	9	..
"	"	" "	"	6.36	08c	3	"	02	90	32.6	+25 17	8.1	8.64	10	5	1	07
74	27.7	+15 38	7.1	7.24	02	1	1	*32*	*90*	32.6	+ 1 4	9.1	9.97	08	3	8	..
"	"	" "	"	7.26	02g	2	"	*34*	77	33.0	+ 3 45	9.5	11.00	02	3	9	..
67	27.7	+14 5	9.5	11.09	02	6	5	..	82	33.0	+ 2 49	9.5	11.24	02	3	9	..
115	28.1	+39 33	7.2	7.96	09	2	19	*10*	..	33.1	+ 1 10	..	12.55	08	3	8	..
"	"	" "	"	7.76	09b	2	"	10	*83*	33.2	+ 8 3	8.0	7.96	10	4	21	..
..	28.3	+80 5	..	11.32	06	6	4	..	103	33.3	+28 46	4.5	4.34	04b	2	13	18
70	28.3	+13 43	9.5	9.63	02	6	5	..	"	"	" "	"	4.54	04c	4	"	*02*
70	28.6	+66 12	6.5	6.29	08b	3	12	13	"	"	" "	"	4.85	04d	1	"	*33*
"	"	" "	"	6.42	08c	3	"	00	84	33.3	+ 7 43	8.8	8.26	10	4	21	..
64	28.7	+ 3 43	9.5	10.32	01	2	9	..	*148*	33.5	+40 7	8.9	9.47	04	6	1	*15*
"	"	" "	"	10.42	02	1	"	..	85	33.5	+ 4 30	9.5	11.36	02	3	9	..
..	28.8	+13 33	..	9.64	02	2	25	..	95	33.6	+ 0 59	9.4	11.08	02	3	9	..
74	28.8	+ 5 11	9.4	9.90	01	2	1	06	96	33.7	+ 0 24	8.2	8.77	01	1	1	*09*
"	"	" "	"	10.10	01g	2	"	*14*	"	"	" "	"	8.72	01g	1	"	*04*
"	"	" "	"	9.94	02	3	"	02	"	"	" "	"	8.75	02	3	"	*07*
"	"	" "	"	10.15	02g	3	"	*19*	"	"	" "	"	8.93	02g	3	"	*25*
67	28.8	+ 2 46	7.8	7.86	09	2	19	..	77	33.8	+60 19	9.2	8.72	03	3	1	39
"	"	" "	"	7.70	09b	2	"	..	"	"	" "	"	8.90	03g	3	"	21
73	29.0	+13 58	7.5	8.34	02	6	5	*33*	*78*	33.9	+61 9	8.2	8.60	03	6	16	..
78	29.4	+ 0 41	9.5	10.66	01	2	9	..	134	33.9	+40 17	9.5	11.30	99	1	25	..
"	"	" "	"	10.93	02	1	"	..	91	34.0	+30 19	3.3	3.46	04c	3	13	03
68	29.5	+ 2 57	9.3	9.72	02	3	9	..	"	"	" "	"	3.53	04d	2	"	*04*
86	29.5	+ 1 35	9.5	10.64	02	3	9	..	"	"	" "	"	3.24	05c	1	"	25
..	29.7	+79 53	..	12.30	06	6	4	..	"	"	" "	"	3.49	05d	1	"	00
80	29.7	+ 0 16	9.0	9.25	02	3	1	08	84	34.0	+ 2 34	7.5	7.57	09	2	19	*16*
"	"	" "	"	9.40	02g	3	"	*07*	"	"	" "	"	7.46	09b	2	"	*05*
..	30.0	+80 2	..	11.92	06	7	4	..	..	34.1	+79 56	..	11.56	06	6	4	..
..	30.4	+79 55	..	10.68	06	6	4	..	*91*	34.1	+25 11	9.0	9.12	10	5	1	*01*
71	30.7	+20 24	8.7	8.66	09	2	19	09	87	34.1	+ 7 39	9.0	9.32	10	4	21	..
"	"	" "	"	8.82	09b	2	"	*07*	137	34.3	+40 22	9.5	10.78	99	1	25	..
79	31.0	+ 4 57	9.5	10.84	02	3	9	..	89	34.3	+ 7 40	9.1	9.33	10	4	21	..
105	31.4	+53 21	4.1	4.31	04b	1	13	*59*	79	34.4	+60 18	9.1	8.94	03	3	1	*02*
"	"	" "	"	3.64	04c	2	"	08	"	"	" "	"	9.11	03g	3	"	*19*
"	"	" "	"	3.58	04d	1	"	14	..	34.4	+ 1 11	..	13.14	08	2	8	..
"	"	" "	"	3.48	05c	1	"	24	*125*	34.6	+55 12	9.0	9.13	09	4	1	38
"	"	" "	"	3.92	05d	1	"	*20*	..	34.6	+ 1 6	..	12.24	08	3	8	..
101	31.5	+33 10	4.1	4.41	04b	3	13	03	122	34.8	+50 17	9.2	9.27	01	3	1	15
"	"	" "	"	4.48	04c	3	"	*04*	..	34.8	+ 1 14	..	12.74	08	2	8	..
137	31.9	+40 10	8.9	9.18	04	6	1	*01*	16	34.9	+79 34	8.9	9.25	06	6	4	..
..	32.2	+79 38	..	10.14	06	6	4	..	140	34.9	+40 21	9.4	10.53	04	6	16	..
128	32.4	+40 19	8.1	8.60	99	1	25	*03*	100	35.0	+15 17	7.8	7.79	02r	2	1	00
"	"	" "	"	8.62	04	6	1	*05*	..	35.0	+ 1 10	..	11.97	08	2	8	..
107	32.4	+35 19	9.5	8.95	04	1	25	..	154	35.3	+39 40	7.0	7.62	09	2	19	*10*
80	32.4	+ 2 35	6.8	6.58	08b	3	12	00	"	"	" "	"	7.62	09b	2	"	*10*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
17	0 35.5	+79 29	9.5	9.73	06	6	4	..
142	35.5	+41 11	8.8	9.12	04	6	16	..
109	35.5	−17 4	6.5	6.75	08b	3	12	*29*
"	"	" "	"	6.83	08c	3	"	*37*
129	36.0	+55 8	8.2	8.57	09	4	1	24
143	36.0	+40 49	9.5	10.06	04	6	16	..
..	36.3	+79 32	..	10.35	06	6	4	..
164	36.5	+49 58	5.1	4.66	04b	2	13	19
"	"	" "	"	4.52	04c	2	"	33
"	"	" "	"	4.79	05b	1	"	06
"	"	" "	"	4.80	05c	1	"	05
89	36.5	+ 3 45	9.5	10.72	02	2	9	..
"	"	" "	"	10.56	02g	1	"	..
103	36.5	+ 1 12	7.9	8.06	08	3	8	*07*
132	36.7	+58 13	6.5	6.24	08b	3	12	*11*
"	"	" "	"	5.97	08c	3	"	16
144	36.7	+40 51	9.5	10.42	04	6	16	..
90	36.7	+ 2 29	9.5	11.38	02	2	9	..
"	"	" "	"	11.45	02g	1	"	..
105	36.8	+ 0 44	9.5	10.72	01	1	9	..
"	"	" "	"	10.92	02	2	"	..
..	37.0	+61 17	..	12.52	03	7	16	..
..	37.0	+40 33	..	10.70	04	6	16	..
145	37.0	+40 25	9.0	9.46	99	1	25	*22*
"	"	" "	"	9.23	04	12	16	01
..	37.1	+40 37	..	11.22	04	6	16	..
95	37.1	+ 5 10	9.0	9.29	02	3	1	27
"	"	" "	"	9.66	02g	2	"	*10*
146	37.2	+41 9	8.8	9.39	04	6	16	..
..	37.3	+61 20	..	12.74	03	6	16	..
17	37.4	+80 23	8.8	9.25	06	6	1	*05*
84	37.4	+61 14	9.5	10.14	03	6	16	..
"	"	" "	"	10.36	03gr	5	"	..
99	37.4	+ 5 8	8.0	7.84	01	1	25	*14*
"	"	" "	"	7.69	01g	1	"	01
121	37.4	+ 1 38	9.3	11.13	01	1	9	..
"	"	" "	"	10.45	02	2	"	..
83	37.5	+64 14	9.5	9.97	06	4	24	..
"	"	" "	"	9.94	06b	4	"	..
86	37.5	+61 13	9.4	9.70	03	6	16	..
..	37.5	+40 33	..	12.24	04	6	16	..
..	37.5	+40 26	..	12.55	04	6	16	..
108	37.5	+ 1 9	8.5	8.73	08	3	8	*09*
..	37.5	+ 1 4	..	12.22	08	2	8	..
87	37.6	+61 13	9.4	10.01	03r	5	16	..
88	37.6	+61 15	9.5	10.65	03r	5	16	..
..	37.6	+40 32	..	12.63	04	6	16	..
111	37.6	+ 1 12	9.3	10.73	08	2	8	..
149	37.7	+40 28	9.1	9.39	99	1	25	*29*
"	"	" "	"	9.10	04	6	16	00
	h. m.	° ′						
88	0 37.7	+21 15	8.7	9.27	09	2	19	..
"	"	" "	"	9.29	09b	2	"	..
..	37.8	+61 11	..	11.22	03	6	16	..
100	37.8	+ 8 1	8.6	8.67	10	4	21	..
113	37.8	+ 1 13	9.2	10.10	08	2	8	..
..	37.9	+61 13	..	11.12	03	6	16	..
..	37.9	+40 35	..	11.69	04	6	16	..
..	38.0	+61 14	..	10.94	03r	4	16	..
92	38.1	+60 44	8.5	9.06	03	6	16	..
150	38.1	+40 21	9.5	10.49	99	1	25	..
124	38.2	+ 1 31	7.8	8.26	09	2	19	..
"	"	" "	"	8.08	09b	2	"	..
103	38.4	+ 4 28	9.5	10.57	02r	3	9	..
151	38.6	+41 2	8.9	9.08	04	6	16	..
115	38.6	−18 32	2	2.02	03d	2	13	22
"	"	" "	"	2.52	04c	1	"	*28*
"	"	" "	"	2.03	04d	1	"	21
94	38.7	+61 14	9.0	9.68	03	6	16	..
180	38.7	+47 39	8.6	9.22	02	6	4	*21*
163	38.8	+61 16	9.0	9.32	03	6	16	..
95	38.8	+61 13	9.1	10.16	03	6	16	..
166	38.8	+40 8	8.5	8.79	04	11	16	*01*
188	38.9	+45 22	8.8	8.77	01	3	1	00
..	38.9	+ 1 11	..	11.92	08	2	8	..
183	39.2	+47 44	4.8	4.65	04b	2	13	05
"	"	" "	"	4.62	04c	2	"	08
"	"	" "	"	4.70	05b	1	"	00
"	"	" "	"	4.70	05c	1	"	00
128	39.2	−11 9	5.0	4.96	03b	1	13	*03*
"	"	" "	"	4.95	03c	3	"	*02*
"	"	" "	"	4.98	03d	2	"	*05*
154	39.3	+40 46	9.0	9.22	04	6	16	..
138	39.8	+57 29	8.5	8.30	09	4	20	..
97	39.8	+ 2 39	7.7	7.92	09	2	19	..
"	"	" "	"	8.05	09b	2	"	..
109	39.9	+ 4 37	8.2	8.35	09	2	19	..
"	"	" "	"	8.24	09b	2	"	..
131	39.9	+ 1 15	8.2	8.23	09	2	19	09
"	"	" "	"	8.34	09b	2	"	*11*
..	40.2	+47 49	..	11.76	02	6	4	..
49	40.3	+68 47	6.4	6.18	08b	3	12	24
"	"	" "	"	6.52	08c	3	"	*10*
99	40.3	+60 37	8.5	8.82	03	6	16	..
187	40.3	+47 42	9.0	8.62	02	6	4	13
192	40.3	+45 21	8.6	8.89	01	4	1	*22*
"	"	" "	"	8.72	08	3	18	*05*
"	"	" "	"	8.82	08b	3	"	*15*
115	40.5	+ 1 10	8.5	9.08	08	2	8	06
132	40.7	−16 58	6.5	6.67	08b	3	12	*35*
"	"	" "	"	6.65	08c	3	"	*33*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	0 40.8	+47 54	..	11.48	01	6	4	..
..	40.8	+47 45	..	11.02	02	6	4	..
..	40.8	+32 7	..	11.46	08	4	4	..
101	40.9	+59 2	6.5	6.58	08b	3	12	*09*
“	“	“ “	“	6.58	08c	3	“	*09*
111	40.9	+31 47	9.0	9.38	08	4	4	..
112	40.9	+32 10	9.1	10.15	08	4	4	..
196	41.0	+47 44	9.2	9.73	02	6	4	19
..	41.0	+47 40	..	12.40	01	6	4	..
..	41.0	+31 52	..	11.40	08	4	4	..
42	41.1	+76 0	8.4	8.56	01	2	1	*09*
“	“	“ “	“	8.64	01g	1	“	*17*
101	41.1	+ 2 41	9.4	10.62	01r	2	9	..
“	“	“ “	“	10.91	02	1	“	..
117	41.1	+0 27	9.5	11.30	01	2	9	..
“	“	“ “	“	11.01	02	1	“	..
..	41.2	+47 48	..	12.24	01	6	4	..
114	41.3	+31 58	9.0	8.87	08	4	4	..
152	41.4	+55 6	9.0	8.89	09	4	1	12
..	41.4	+47 46	..	12.07	01	6	4	..
191	41.5	+50 7	8.3	8.56	01	3	1	06
198	41.5	+48 0	9.5	10.73	02	6	4	..
103	41.5	+21 5	7.3	7.36	09	2	19	*31*
“	“	“ “	“	7.16	09b	2	“	*11*
116	41.6	+32 12	9.5	10.58	08	4	4	..
201	41.7	+47 16	7.9	8.50	02	6	4	*29*
106	41.7	+ 7 46	9.0	9.31	10	4	21	..
..	41.8	+32 10	..	13.15	08	5	4	..
105	41.8	+ 3 50	9.5	11.33	01	2	9	..
“	“	“ “	“	10.84	02	1	“	..
145	41.9	+57 29	8.9	8.31	09	4	20	..
..	41.9	+32 11	..	12.62	08	4	4	..
25	42.0	+76 26	9.0	8.78	01	2	1	09
“	“	“ “	“	8.84	01g	1	“	03
193	42.0	+50 9	8.3	8.52	01	3	1	15
..	42.0	+47 40	..	12.12	01	6	4	..
..	42.0	+32 10	..	12.56	08	2	4	..
..	42.0	+31 54	..	10.58	08	4	4	..
106	42.0	+23 43	3.9	4.40	04b	2	13	*10*
“	“	“ “	“	4.20	04c	3	“	10
“	“	“ “	“	4.16	04d	1	“	14
107	42.0	+ 8 6	8.9	8.95	10	4	21	..
128	42.1	+57 1	8.5	9.18	09	4	20	..
120	42.3	+ 4 51	9.5	11.21	01	2	9	..
“	“	“ “	“	11.45	02	1	“	..
119	42.4	+32 6	9.5	10.97	08	4	4	..
21	42.5	+81 4	8.9	8.95	06	6	1	*13*
129	42.5	+57 15	9.3	9.77	09	4	20	..
206	42.5	+48 0	8.8	9.45	01	12	4	*20*
146	42.5	+35 40	7.4	8.14	06	3	1	*12*
116	0 42.6	+34 19	8.8	9.58	06	6	4	..
117	42.7	+35 12	8.0	8.60	06	6	4	12
“	“	“ “	“	8.46	08	5	1	26
127	42.7	−18 37	6.5	5.99	08b	3	12	*11*
“	“	“ “	“	6.06	08c	3	“	*18*
135	42.8	+32 31	8.9	9.26	08	4	4	..
139	42.8	+ 1 40	9.4	11.02	01	2	9	..
“	“	“ “	“	10.93	02	1	“	..
122	42.9	+60 14	8.5	8.36	03	3	1	*10*
“	“	“ “	“	8.15	03g	3	“	11
166	42.9	+55 16	8.0	8.12	09	4	1	*26*
150	43.0	+57 17	3.8	3.56	04c	2	13	08
“	“	“ “	“	3.92	04d	2	“	*28*
“	“	“ “	“	3.38	05c	1	“	26
“	“	“ “	“	3.47	05d	1	“	17
136	43.0	+32 36	8.4	8.44	08	4	4	..
110	43.0	+ 8 41	7.7	8.02	10	8	1	00
151	43.1	+57 27	8.5	8.10	09	4	20	..
43	43.2	+76 2	9.4	9.72	01	2	1	*25*
“	“	“ “	“	9.84	01g	1	“	*37*
152	43.2	+57 40	9.1	9.33	09	4	20	..
155	43.4	+57 15	9.4	10.30	09	4	20	..
130	43.4	+56 47	8.7	8.58	09	4	20	..
138	43.5	+32 23	7.5	7.84	08	4	4	*14*
107	43.5	+ 7 2	4.5	4.55	04b	3	13	00
“	“	“ “	“	4.59	04c	3	“	*04*
22	43.7	+81 8	9.2	9.16	06r	4	1	26
125	43.7	+60 14	8.3	8.23	03	3	1	*12*
“	“	“ “	“	8.08	03g	3	“	03
208	43.7	+45 16	8.7	8.98	01	3	1	*06*
126	43.9	+60 14	9.3	9.45	03	3	1	*14*
“	“	“ “	“	9.54	03g	4	“	*23*
120	44.0	+34 53	9.0	9.39	06	6	4	..
..	44.0	+24 46	..	10.54	09	4	23	..
189	44.1	+39 45	8.2	9.34	09	2	19	..
“	“	“ “	“	9.40	09b	2	“	..
43	44.3	+73 1	7.5	7.74	99	3	2	24
171	44.3	+40 32	4.7	4.70	04b	2	13	*28*
“	“	“ “	“	4.46	04c	2	“	*04*
“	“	“ “	“	4.47	05b	1	“	*05*
“	“	“ “	“	4.58	05c	1	“	*16*
121	44.3	+25 13	9.0	9.51	09	1	1	05
115	44.4	+ 7 49	9.3	9.74	10	4	21	..
121	44.5	+34 47	8.4	8.44	06	6	4	..
126	44.5	+ 0 53	9.5	11.30	01	2	9	..
“	“	“ “	“	11.03	02	1	“	..
..	44.6	+35 4	..	13.12	06r	7	4	..
..	44.6	+35 4	..	12.70	06r	5	4	..
347	44.6	−23 55	6.5	6.72	08b	3	12	*50*
“	“	“ “	“	6.64	08c	3	“	*42*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	0 44.7	+35 7	..	12.93	06	2	4	..
127	44.7	+ 1 8	8.8	9.61	08	1	8	*12*
152	44.8	+35 15	8.3	9.15	06	3	1	*48*
"	"	" "	"	8.73	08	5	1	*06*
..	44.9	+35 8	..	12.78	06	4	4	..
126	45.0	+35 1	9.1	9.82	06	6	4	..
127	45.0	+ 4 59	9.5	11.27	01	2	9	..
"	"	" "	"	11.14	02	1	"	..
..	45.1	+35 3	..	11.78	06	6	4	..
178	45.2	+61 16	6.2	6.04	08b	3	12	32
"	"	" "	"	6.32	08c	3	"	04
180	45.2	+46 43	9.4	10.36	08	4	4	..
..	45.2	+33 49	..	11.44	06	6	4	..
..	45.3	+33 47	..	10.13	06	6	4	..
160	45.4	+57 24	9.5	10.06	09	4	20	..
..	45.4	+35 6	..	11.46	06	6	4	..
..	45.4	+33 45	..	11.55	06	6	4	..
148	45.4	+ 1 29	9.5	10.60	01	2	9	..
"	"	" "	"	10.25	02	1	"	..
..	45.5	+33 36	..	11.48	06	1	4	..
21	45.6	+82 13	9.3	10.01	02	8	5	..
22	45.6	+81 23	9.2	9.19	02	8	5	*19*
..	45.6	+35 3	..	11.18	06	6	4	..
..	45.6	+33 31	..	10.44	06	6	4	..
130	45.7	+34 47	9.4	10.19	06	6	4	..
116	45.7	+33 45	8.8	9.32	06	6	4	..
154	45.8	+35 19	8.9	9.10	06	3	1	12
"	"	" "	"	9.20	08	5	1	02
128	45.8	+ 5 6	8.8	9.44	01	2	1	*04*
"	"	" "	"	9.50	01g	2	"	*10*
"	"	" "	"	9.40	02	1	"	00
"	"	" "	"	9.21	02g	1	"	19
148	46.0	−14 37	9.0	9.45	03	1	1	21
181	46.2	+46 57	9.5	10.02	08	4	4	..
..	46.2	+46 50	..	12.01	08	4	4	..
118	46.2	+ 2 50	6.2	6.50	08b	3	12	01
"	"	" "	"	6.38	08c	3	"	13
130	46.3	+ 0 23	8.3	9.04	01	1	1	*16*
"	"	" "	"	9.05	01g	1	"	*17*
"	"	" "	"	9.00	02	4	"	*12*
"	"	" "	"	8.77	02g	4	"	11
183	46.4	+47 4	8.5	8.82	08	4	4	*31*
120	46.4	+ 2 41	9.3	10.17	01	1	9	..
"	"	" "	"	10.01	02	2	"	..
162	46.5	+58 1	9.3	9.47	06	6	4	..
169	46.5	+55 5	9.0	9.42	09	4	1	*21*
..	46.6	+46 43	..	13.02	08	4	4	..
114	46.6	+ 3 51	9.5	10.68	01	1	9	..
"	"	" "	"	10.38	02	2	"	..
142	46.8	+57 6	8.5	8.73	09	4	20	..
185	0 46.8	+46 37	9.5	10.23	08	4	4	..
223	46.8	+45 16	8.2	8.50	01	3	1	*18*
"	"	" "	"	8.33	08	4	"	*01*
186	46.9	+46 47	9.1	9.94	08	4	4	..
143	46.9	+36 51	9.2	10.10	09	4	23	..
119	46.9	+33 44	9.0	8.56	06	6	4	..
124	47.1	+60 34	5.0	4.91	05b	3	13	02
"	"	" "	"	4.99	05c	3	"	*06*
120	47.1	+34 6	8.0	8.36	06	6	4	..
227	47.2	+50 14	9.2	9.27	01	4	1	10
187	47.2	+47 15	8.8	9.06	08	4	4	..
121	47.2	+33 33	9.3	9.88	06	6	4	..
123	47.2	+ 8 9	9.5	11.14	10	2	21	..
124	47.3	+ 8 8	8.5	8.88	10	5	21	..
..	47.4	+46 57	..	11.44	08	4	4	..
159	47.4	+38 1	6.7	6.90	08b	3	12	*42*
"	"	" "	"	6.60	08c	3	"	*12*
..	47.4	+33 46	..	10.70	06	6	4	..
122	47.4	+33 40	9.5	9.58	06	6	4	..
171	47.5	+50 20	8.8	8.78	01	3	1	09
190	47.5	+46 45	9.3	11.01	08	4	4	..
101	47.6	+ 9 16	8.3	8.44	10	4	1	02
114	47.9	− 1 41	5.2	4.85	03b	1	13	07
"	"	" "	"	4.90	03c	3	"	02
"	"	" "	"	5.17	03d	2	"	*25*
228	48.0	+45 17	8.2	8.29	01	3	1	*07*
"	"	" "	"	8.31	08	4	"	*09*
148	48.0	+36 53	6.5	6.15	08b	3	12	*02*
"	"	" "	"	6.13	08c	3	"	00
179	48.1	+52 9	6.3	6.28	08b	3	12	*06*
"	"	" "	"	6.22	08c	3	"	00
..	48.3	+46 54	..	11.36	08	4	4	..
137	48.3	+35 12	8.8	9.01	06	7	1	*24*
"	"	" "	"	9.00	08	5	"	*23*
"	"	" "	"	8.88	09	4	"	*11*
23	48.5	+82 9	8.9	8.56	02	8	5	*08*
149	48.5	+36 39	9.3	9.51	09	4	23	..
..	48.8	+57 58	..	10.91	06	6	4	..
120	48.8	+ 5 16	8.1	8.16	09	2	19	00
"	"	" "	"	8.03	09b	2	"	13
..	48.9	+57 57	..	11.13	06	6	4	..
134	49.0	+58 26	5.0	4.93	04b	2	13	02
"	"	" "	"	5.14	04c	2	"	*19*
"	"	" "	"	4.73	05b	1	"	22
"	"	" "	"	5.07	05c	1	"	*12*
..	49.0	+58 0	..	12.11	06	6	4	..
129	49.0	+ 2 29	9.5	10.94	02	3	9	..
138	49.0	+ 0 56	9.5	10.26	02	3	9	..
167	49.2	+57 57	9.3	9.53	06	6	4	..
242	49.4	+48 9	6.5	6.55	08b	3	12	05

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	0 49.4	+48 9	6.5	6.59	08c	3	12	01	A	0 53.6	+ 5 7	9.0	9.24	02	4	1	01
136	49.5	+ 4 40	9.5	11.15	02	3	9	..	"	"	" "	"	9.22	02g	4	"	03
125	49.8	+ 3 56	9.5	10.87	02	3	9	..	31	53.7	+76 20	8.2	8.51	01	2	1	*14*
126	49.9	+24 1	6.8	6.38	08b	3	12	*02*	"	"	" "	"	8.31	01g	1	"	06
"	"	" "	"	6.37	08c	3	"	*01*	173	53.7	−14 41	8.5	8.91	03	1	1	25
162	49.9	+ 1 52	9.4	11.05	02	3	9	..	155	53.8	+ 0 34	9.5	11.01	02	3	9	..
142	49.9	+ 0 15	7.9	8.08	08	4	18	10	149	54.0	+ 4 49	9.5	9.61	02	3	9	..
"	"	" "	"	8.38	08b	4	"	*20*	181	54.0	+ 1 39	9.5	11.07	02	3	9	..
..	50.0	+58 0	..	10.55	06	6	4	..	134	54.3	+ 3 34	9.5	11.38	02	2	9	..
171	50.0	+57 58	9.5	10.06	06	6	4	..	"	"	" "	"	11.02	02g	2	"	..
..	50.1	+57 54	..	10.02	06	6	4	..	159	54.3	+ 0 15	7.8	7.77	01	1	1	01
135	50.2	+58 28	9.2	9.32	06	6	4	..	"	"	" "	"	7.84	01g	1	"	*06*
172	50.2	+57 26	7.0	6.21	08b	3	12	22	"	"	" "	"	7.90	02	3	"	*12*
"	"	" "	"	6.40	08c	3	"	03	"	"	" "	"	7.79	02g	3	"	*01*
232	50.2	+45 24	8.8	9.33	08	4	1	*36*	26	54.4	+81 26	9.5	10.23	02	16	5	*16*
196	50.3	+45 8	8.5	7.72	08	4	1	30	"	"	" "	"	10.12	04	17	1	*05*
146	50.3	+35 10	8.9	9.11	06	7	1	*04*	136	54.5	+ 3 34	9.5	10.30	02	1	25	..
"	"	" "	"	9.05	08	4	1	02	"	"	" "	"	10.48	02g	1	"	..
81	50.4	+68 15	6.7	6.24	08b	3	12	14	27	54.7	+81 34	8.6	8.44	02	8	5	*03*
"	"	" "	"	6.44	08c	3	"	*06*	"	"	" "	"	8.40	04	54	1	01
144	50.7	+60 11	2.3	2.15	04c	2	13	10	"	"	" "	"	8.41	04b	45	"	00
"	"	" "	"	1.95	04d	2	"	30	131	54.7	+ 5 56	7.0	6.17	08b	4	12	14
"	"	" "	"	2.46	05c	1	"	*21*	"	"	" "	"	6.44	08c	4	"	*13*
"	"	" "	"	2.35	05d	1	"	*10*	*160*	54.8	+35 9	7.3	7.78	06	8	1	*11*
138	50.7	+58 38	5.0	4.66	04b	2	13	17	19	55.0	+85 43	5.0	4.50	05c	3	13	02
"	"	" "	"	4.88	04c	2	"	*05*	"	"	" "	"	4.59	05d	3	"	*07*
"	"	" "	"	4.97	05br	1	"	*14*	*162*	55.3	+35 12	9.0	9.55	06	7	1	22
205	50.7	+55 17	8.2	7.98	06	6	1	28	29	55.5	+81 43	8.6	8.54	02	8	5	04
139	51.0	+15 7	8.5	8.84	05	3	1	*20*	204	55.5	+40 17	9.1	9.73	07	4	1	*21*
"	"	" "	"	8.78	05b	3	"	*14*	*144*	55.5	+ 8 10	9.1	9.79	10	4	21	..
"	"	" "	"	8.81	07	3	"	*17*	4	55.6	+88 29	7.5	6.49	08b	2	12	*01*
"	"	" "	"	8.69	07b	3	"	*05*	"	"	" "	"	6.64	08c	2	"	*16*
200	51.2	+45 11	9.3	9.41	08	4	1	16	225	55.8	+55 23	9.0	9.30	06	6	1	01
175	51.2	+37 57	4.2	4.10	04b	1	13	*16*	*145*	55.8	+ 8 15	8.5	9.15	10	4	21	..
"	"	" "	"	3.92	04c	3	"	02	57	56.1	+72 50	9.0	9.16	99	3	2	*08*
"	"	" "	"	3.80	04d	2	"	14	184	56.1	+35 28	7.8	8.01	06	3	1	21
135	51.2	+ 7 47	8.8	9.42	10	4	21	..	"	"	" "	"	8.23	09	1	1	*01*
110	51.6	+ 9 29	8.7	8.77	10	4	1	01	147	56.1	+ 7 55	8.1	7.38	10	4	21	..
146	51.7	+ 1 9	8.8	9.00	08	3	8	16	30	56.3	+81 26	8.3	8.08	02	8	5	*19*
212	51.8	+55 19	9.2	9.20	06	6	1	06	164	56.4	+ 0 39	9.5	10.68	01	1	9	..
137	51.8	+ 7 55	9.5	11.77	10r	3	21	..	"	"	" "	"	10.68	02	2	"	..
153	51.9	+22 52	4.5	4.58	04b	3	13	04	202	56.5	+50 30	6.9	6.33	08b	3	12	29
"	"	" "	"	4.69	04c	3	"	*07*	"	"	" "	"	6.22	08c	3	"	40
135	52.2	+ 2 47	9.4	10.00	02	3	9	..	*150*	56.7	+ 8 3	9.5	11.46	10	4	21	..
172	53.1	−14 37	8.9	9.39	03	1	1	37	143	56.7	+ 3 47	9.4	10.70	01	1	9	..
26	53.3	+80 28	8.5	8.43	02	8	5	*13*	"	"	" "	"	10.44	02	2	"	..
377	53.5	−24 54	9.3	10.24	04	1	25	..	145	56.8	+ 2 44	9.3	9.81	01	1	9	..
27	53.6	+81 11	9.5	10.24	02	16	5	..	"	"	" "	"	9.86	02	2	"	..
146	53.6	+ 5 7	9.0	9.48	01	1	1	*23*	*166*	56.9	+35 9	8.5	8.99	06	7	1	18
"	"	" "	"	9.36	01g	1	"	*11*	151	56.9	+ 7 24	8.0	7.68	10	4	1	16

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
192	0 56.9	+ 1 34	9.4	10.62	01	1	9	..	*215*	0 58.9	+55 15	8.0	8.06	06	6	1	*35*
“	“	“ “	“	10.34	02	2	“	..	..	58.9	+40 36	..	12.54	07	4	4	..
191	56.9	−14 40	8.0	8.75	03	2	1	*19*	*174*	58.9	+29 9	6.5	6.21	08b	3	12	*13*
“	“	“ “	“	8.65	05	3	“	*09*	“	“	“ “	“	6.08	08c	3	“	00
“	“	“ “	“	8.55	05b	3	“	01	161	58.9	+14 42	8.5	8.98	05r	5	11	..
“	“	“ “	“	8.63	07	3	“	*07*	..	59.0	+40 36	..	10.42	07	4	4	..
“	“	“ “	“	8.62	07b	3	“	*06*	213	59.0	+40 22	9.1	10.14	07	4	4	..
193	57.0	+ 1 37	9.0	9.35	01	1	9	..	136	59.0	− 4 37	9.0	9.29	08	2	1	*09*
“	“	“ “	“	9.37	02	2	“	..	..	59.1	+40 46	..	12.58	07	4	4	..
“	“	“ “	“	9.51	02g	1	“	..	32	59.2	+81 47	9.4	9.54	02	8	5	..
144	57.1	+ 3 51	9.2	9.54	02	1	25	..	..	59.4	+40 35	..	10.77	07	4	4	..
158	57.2	+ 4 31	8.3	8.39	08	3	19	..	*162*	59.6	+15 5	9.5	11.91	05r	6	11	..
“	“	“ “	“	8.12	08b	3	“	..	*193*	59.6	−14 47	9.6	11.15	03	2	11	..
243	57.3	+46 50	6.3	6.41	08b	3	12	*05*	“	“	“ “	“	11.00	05	6	“	..
“	“	“ “	“	6.36	08c	3	“	00	162	59.7	+60 15	8.3	8.20	08	3	18	01
159	57.3	+ 5 13	8.5	8.77	08	3	1	*26*	“	“	“ “	“	8.07	08b	3	“	14
“	“	“ “	“	8.59	08b	3	“	*08*	156	59.7	+15 43	8.0	7.29	05	6	11	..
157	57.4	+60 32	6.5	5.58	08b	2	19	36	*172*	59.7	+ 5 7	6.0	5.86	01g	2	1	31
“	“	“ “	“	5.70	08c	2	“	24	“	“	“ “	“	6.56	01i	1	“	*39*
160	57.6	+ 4 31	8.8	9.60	01	1	25	..	“	“	“ “	“	6.21	02g	1	“	*04*
153	57.8	+ 7 21	4.2	4.43	04b	3	13	02	..	59.7	−14 59	..	11.67	03	2	11	..
“	“	“ “	“	4.42	04c	3	“	03	“	“	“ “	“	11.52	05	4	“	..
161	57.8	+ 4 32	9.5	10.70	02	2	9	..	..	59.7	−15 4	..	12.52	03	2	11	..
“	“	“ “	“	10.92	02g	1	“	..	“	“	“ “	“	12.55	05	4	“	..
135	57.9	+22 15	8.8	9.23	08	3	19	..	*121*	59.8	+65 2	9.5	10.89	05	1	25	..
“	“	“ “	“	9.33	08b	3	“	..	..	59.8	+14 54	..	12.71	05	6	11	..
189	57.9	−15 25	9.9	11.20	03	2	11	..	..	59.8	−14 57	..	12.92	05	2	11	..
“	“	“ “	“	11.07	05r	6	“	..	164	59.9	+14 49	9.0	9.75	05	12	11	..
154	58.1	+ 8 4	8.3	8.48	10	4	21	..	“	“	“ “	“	9.48	07	3	“	..
236	58.3	+55 19	8.2	8.33	06	6	1	*02*	“	“	“ “	“	9.51	07b	3	“	..
210	58.3	+40 43	9.5	10.39	07	4	4	..	*206*	1 0.0	+62 14	6.5	6.44	08b	3	12	00
154	58.3	− 2 2	8.7	8.71	08	4	4	..	“	“	“ “	“	6.57	08c	3	“	*13*
..	58.4	+40 52	...	11.23	07	4	4	..	..	0.0	+15 5	..	11.58	05	6	11	..
..	58.4	+40 35	..	10.57	07	4	4	..	..	0.0	−15 2	..	13.09	03	2	11	..
160	58.4	+14 41	9.5	10.88	05r	6	11	..	“	“	“ “	“	13.12	05	4	“	..
140	58.4	+ 5 15	9.3	9.82	01	3	1	*06*	..	0.1	+15 0	..	13.19	05	6	11	..
166	58.5	+ 4 42	7.4	7.73	08	3	19	*01*	167	0.2	+14 53	8.8	8.98	05	6	11	..
“	“	“ “	“	7.81	08b	3	“	09	..	0.3	+15 1	..	11.68	05	6	11	..
172	58.5	+ 0 23	9.3	11.83	02	1	25	..	..	0.3	+14 55	..	13.59	05	6	11	..
191	58.5	−15 2	8.5	9.22	03	2	11	..	*195*	0.3	−14 52	9.4	10.95	03	2	11	..
“	“	“ “	“	9.31	05	6	“	..	“	“	“ “	“	11.26	03g	2	“	..
..	58.6	+40 50	..	13.09	07	4	4	..	“	“	“ “	“	10.96	05	10	“	..
..	58.7	+40 53	..	12.43	07	4	4	..	“	“	“ “	“	10.89	05b	1	“	..
..	58.7	+40 46	..	11.81	07	4	4	..	“	“	“ “	“	10.93	07	5	“	..
157	58.7	+ 7 57	9.1	9.92	10	6	21	..	“	“	“ “	“	10.77	07b	1	“	..
174	58.7	+ 0 50	6.0	6.28	01g	2	1	*21*	158	0.4	− 2 5	10	11.51	08	4	4	..
“	“	“ “	“	6.47	01i	1	“	*40*	..	0.4	−15 12	..	12.64	03	3	11	..
“	“	“ “	“	6.40	02g	1	“	..	“	“	“ “	“	12.45	05	3	“	..
179	58.7	− 4 47	9.0	9.52	08	2	1	*17*	196	0.6	−15 3	8.5	9.34	03	4	R	..
..	58.8	+40 41	..	12.10	07	4	4	..	“	“	“ “	“	9.46	05	6	11	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
169	1 0.7	+14 51	7.7	7.40	05	3	1	*10*	A	1 2.1	+ 0 19	8.8	9.43	01 g	2	1	10
"	"	" "	"	7.09	05b	3	"	21	"	"	" "	"	9.42	02	3	"	11
"	"	" "	"	7.26	07	3	"	04	"	"	" "	"	9.29	02 g	1	"	24
"	"	" "	"	7.19	07b	3	"	11	176	2.2	+22 27	8.4	8.37	08	3	19	..
175	0.7	+ 4 22	6.7	6.54	01	2	1	21	"	"	" "	"	8.52	08b	3	"	..
"	"	" "	"	6.69	01g	2	"	06	210	2.2	+ 1 31	9.3	10.45	01	2	9	..
"	"	" "	"	6.70	02	1	"	05	"	"	" "	"	10.16	02	1	"	..
198	0.7	−15 12	9.8	11.12	03	2	11	..	187	2.2	+ 0 24	9.5	11.01	02	1	9	..
"	"	" "	"	11.27	05	5	"	..	"	"	" "	"	10.82	02g	3	"	..
199	0.8	−15 25	9.0	9.53	03	2	11	..	161	2.3	− 2 2	9.0	9.35	08	4	4	..
"	"	" "	"	9.73	05	5	"	..	496	2.3	−24 32	6.4	6.88	08b	3	12	*62*
196	0.9	+56 24	6.6	6.49	08b	3	12	09	"	"	" "	"	6.88	08c	3	"	*62*
"	"	" "	"	6.53	08c	3	"	05	*263*	2.5	+40 7	8.4	8.84	07	4	1	13
178	0.9	+ 5 8	9.2	9.84	01	5	1	*04*	143	2.5	− 4 44	8.8	9.26	08	4	1	14
"	"	" "	"	9.55	01g	2	"	25	164	2.6	+15 20	8.0	8.02	05	3	1	08
"	"	" "	"	9.69	02	3	"	11	"	"	" "	"	7.97	05b	3	"	13
"	"	" "	"	9.72	02g	3	"	08	"	"	" "	"	8.20	07	3	"	*10*
181	0.9	+ 1 11	9.0	9.32	08	1	8	17	"	"	" "	"	8.16	07b	3	"	*06*
..	0.9	− 2 5	..	12.94	08	4	4	..	81	2.7	+70 23	9.4	9.54	01	4	1	*05*
186	0.9	− 4 49	8.2	8.34	08	4	1	11	"	"	" "	"	9.40	01g	1	"	09
170	1.0	+14 57	9.5	11.06	05	5	11	..	162	2.7	− 2 29	9.5	10.84	08	4	4	..
159	1.0	− 2 1	9.0	9.78	08	4	4	..	216	2.7	−14 42	8.2	8.60	03	2	1	*29*
..	1.0	−15 10	..	11.82	03	2	11	..	"	"	" "	"	8.37	05	3	"	*06*
"	"	" "	"	11.76	05	4	"	..	"	"	" "	"	8.17	05b	3	"	14
262	1.2	+52 58	6.3	6.34	08b	3	12	15	"	"	" "	"	8.40	07	3	"	*09*
"	"	" "	"	6.42	08c	3	"	07	"	"	" "	"	8.34	07b	3	"	*03*
166	1.2	+ 7 57	9.3	10.40	10	6	21	..	172	2.9	+14 36	8.5	8.78	05	6	11	..
484	1.3	−24 32	6.3	6.92	08b	3	12	*63*	162	2.9	+ 3 28	9.3	10.04	01	2	9	..
"	"	" "	"	6.96	08c	3	"	*67*	"	"	" "	"	10.19	02	1	"	..
257	1.4	+40 15	9.1	9.72	07	4	1	00	*163*	2.9	− 1 52	9.8	10.93	08	4	4	..
173	1.4	+ 8 21	7.5	7.56	10	6	1	14	164	3.1	− 2 14	9.2	9.80	08	4	4	..
200	1.4	−14 50	8.9	9.46	03	2	1	20	*170*	3.2	+61 1	7.8	7.82	08	2	19	..
"	"	" "	"	9.30	05	4	"	36	"	"	" "	"	7.54	08b	2	"	..
"	"	" "	"	9.56	05b	3	"	10	228	3.2	+40 15	9.0	9.62	07	4	1	20
"	"	" "	"	9.47	07	3	"	19	167	3.3	+15 15	8.4	8.42	05	3	1	22
"	"	" "	"	9.50	07b	3	"	16	"	"	" "	"	8.74	05b	3	"	*10*
..	1.5	− 2 14	..	12.08	08	4	4	..	"	"	" "	"	8.48	07	3	"	16
171	1.6	+15 12	9.3	10.14	05	6	11	..	"	"	" "	"	8.49	07b	3	"	15
169	1.6	+ 8 7	8.2	8.02	10	7	1	*32*	*190*	3.6	+ 1 7	9.1	9.62	08	2	8	..
180	1.9	+ 4 31	9.5	10.68	01	1	9	..	240	3.6	−10 43	3.5	3.64	03c	3	13	*04*
"	"	" "	"	10.68	02	1	"	..	"	"	" "	"	3.51	03d	3	"	09
212	1.9	−14 39	8.6	9.40	03	1	1	06	275	3.7	+46 42	4.4	4.50	04b	2	13	*22*
"	"	" "	"	9.52	05	3	"	*06*	"	"	" "	"	4.44	04c	2	"	*16*
"	"	" "	"	9.60	05b	3	"	*14*	"	"	" "	"	4.16	05c	1	"	12
"	"	" "	"	9.42	07	3	"	04	..	3.8	+ 1 12	..	11.14	08	2	8	..
"	"	" "	"	9.45	07b	3	"	01	77	3.9	+68 15	6.0	5.47	05b	1	25	*13*
..	2.0	− 2 4	..	11.73	08	4	4	..	"	"	" "	"	5.28	05c	1	"	06
158	2.1	+ 2 48	9.4	9.38	01	2	9	..	..	3.9	+ 1 7	..	12.49	08	2	8	..
"	"	" "	"	9.30	02	1	"	..	182	4.0	+22 23	7.5	7.58	08	3	1	*10*
186	2.1	+ 0 19	8.8	9.63	01	4	1	*10*	"	"	" "	"	7.44	08b	3	"	04

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
179	1 4.0	+ 8 30	9.3	9.88	10	4	21	. .	185	1 6.9	+ 8 25	9.2	9.66	10	4	21	. .
198	4.1	+35 5	2.2	2.25	04c	3	13	12	59	7.0	+71 58	8.3	8.42	99	3	2	20
“	“	“ “	“	2.37	04d	3	“	00	“	“	“ “	“	8.82	01	12	“	*20*
273	4.3	+40 6	8.3	9.04	07	4	1	*12*	“	“	“ “	“	8.73	10	6	“	*11*
180	4.6	+ 9 6	9.5	10.10	10	4	21	. .	192	7.0	+22 43	7.5	7.56	08	3	19	*04*
. .	4.9	+ 1 6	. .	12.74	08	2	8	. .	“	“	“ “	“	7.47	08b	3	“	05
236	5.0	+54 37	4.8	4.50	04b	3	13	02	*248*	7.3	+41 8	7.0	7.11	10	4	7	25
“	“	“ “	“	4.34	04c	2	“	18	*196*	7.3	+ 1 7	9.2	9.92	08	2	8	. .
“	“	“ “	“	4.67	05b	1	“	*15*	*185*	7.4	+ 8 11	9.5	10.76	10	4	21	. .
“	“	“ “	“	4.66	05c	1	“	*14*	. .	8.0	+ 1 3	. .	11.66	08	2	8	. .
210	5.0	−14 47	7.2	8.45	03	1	1	*24*	192	8.2	+60 21	9.2	9.28	08	2	1	03
“	“	“ “	“	8.32	05	3	“	*11*	“	“	“ “	“	9.34	08b	2	“	*03*
“	“	“ “	“	8.33	05b	3	“	*12*	*158*	8.3	+24 3	4.6	4.86	04b	3	13	*22*
“	“	“ “	“	8.28	07	3	“	*07*	“	“	“ “	“	4.80	04c	3	“	*16*
“	“	“ “	“	8.30	07b	3	“	*09*	. .	8.3	+ 1 4	. .	12.15	08	2	8	. .
223	5.1	−14 33	8.6	9.24	03	2	R	. .	38	8.4	+76 16	8.9	9.05	01	2	1	02
211	5.1	−14 58	7.3	8.48	03	1	1	*03*	“	“	“ “	“	8.80	01g	1	“	27
176	5.2	+15 8	9.1	9.33	05	3	1	*04*	*196*	8.6	+28 1	7.5	6.44	08b	3	12	19
“	“	“ “	“	9.43	05b	3	“	*14*	“	“	“ “	“	6.51	08c	3	“	12
“	“	“ “	“	9.26	07	3	“	03	148	8.6	+10 27	8.8	9.46	01	3	1	*09*
“	“	“ “	“	9.47	07b	3	“	*18*	230	8.8	+ 1 30	8.6	8.97	01	1	9	. .
221	5.4	+ 1 55	6.0	6.23	01	1	1	*03*	“	“	“ “	“	8.68	02	1	“	. .
“	“	“ “	“	6.14	01g	2	“	06	*139*	8.9	+10 13	9.3	9.57	01	3	1	25
“	“	“ “	“	6.36	01i	1	“	*16*	231	8.9	+ 1 34	9.5	11.46	02	1	9	. .
“	“	“ “	“	6.21	02g	1	“	*01*	*203*	8.9	+ 1 10	9.0	10.02	08	2	8	*01*
. .	5.4	+ 1 3	. .	11.86	08	2	8	. .	252	9.0	+40 31	8.5	9.19	06	6	4	. .
. .	5.5	+ 1 4	. .	12.32	08	2	8	. .	*253*	9.1	+41 9	8.8	9.17	10	4	7	. .
180	5.5	+ 0 13	9.4	10.84	01	1	9	. .	. .	9.2	+40 26	. .	10.80	06	6	4	. .
“	“	“ “	“	10.86	02	2	“	. .	229	9.4	+41 17	8.2	8.44	10	4	7	. .
201	5.6	− 4 53	9.0	9.69	08	6	1	*09*	291	9.4	+39 52	9.5	10.69	06	6	4	. .
203	5.7	+ 4 43	9.5	11.10	01	1	9	. .	. .	9.5	+41 15	. .	11.81	10	4	7	. .
“	“	“ “	“	11.47	02	2	“	. .	217	9.5	+32 19	9.5	9.80	09	4	23	. .
202	5.7	− 5 23	7.3	7.24	08	2	4	*08*	233	9.6	+61 22	7.5	7.38	08	2	19	*02*
195	5.8	+ 1 5	9.5	11.13	01	1	9	. .	“	“	“ “	“	7.06	08b	2	“	30
“	“	“ “	“	11.28	02	2	“	. .	. .	9.6	+40 19	. .	12.30	06	8	4	. .
“	“	“ “	“	11.07	08	2	8	. .	*232*	9.6	−14 49	8.7	9.21	03	1	1	*05*
167	6.0	+ 3 13	9.5	11.54	01	1	9	. .	254	9.7	+40 18	9.1	9.54	06	6	4	. .
“	“	“ “	“	11.64	02	2	“	. .	. .	9.9	+40 12	. .	13.09	06	4	4	. .
156	6.1	+64 5	7.8	8.17	07	4	17	. .	*206*	9.9	+30 6	8.9	9.03	09	3	1	13
“	“	“ “	“	7.76	07b	4	“	. .	177	9.9	+ 3 21	9.5	9.99	02	2	9	. .
172	6.1	+20 30	4.7	4.71	04b	3	13	18	“	“	“ “	“	10.29	02g	1	“	. .
“	“	“ “	“	4.87	04c	3	“	02	176	9.9	+ 2 37	9.3	9.72	02	2	9	. .
190	6.2	+29 34	4.2	4.68	04b	3	13	02	“	“	“ “	“	9.96	02g	1	“	. .
“	“	“ “	“	4.74	04c	3	“	*04*	. .	10.0	+41 14	. .	11.36	10	4	7	. .
169	6.3	+ 2 50	9.3	9.73	01	1	9	. .	. .	10.0	+40 24	. .	10.89	06	6	4	. .
“	“	“ “	“	9.54	02	2	“	. .	. .	10.1	+41 17	. .	12.38	10	4	7	. .
184	6.4	+ 8 33	9.3	10.62	10	4	21	. .	. .	10.2	+40 14	. .	11.95	06r	6	4	. .
245	6.7	+40 47	7.8	8.46	10	4	7	. .	. .	10.2	+40 14	. .	12.66	06	4	4	. .
266	6.8	+55 24	8.5	8.94	05	3	1	22	152	10.2	+10 15	9.2	9.56	01	3	1	*04*
“	“	“ “	“	8.89	05b	3	“	*27*	208	10.3	+ 0 32	9.3	10.12	02	2	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	1 10.3	+ 0 32	9.3	10.54	02g	1	9	..
197	10.4	+ 8 14	8.5	8.20	02	6	4	*06*
"	"	" "	"	8.16	10	4	1	*02*
357	10.5	+47 33	6.5	6.72	08b	3	12	*22*
"	"	" "	"	6.58	08c	3	"	*08*
..	10.5	+41 13	..	11.51	10	2	7	..
..	10.6	+41 19	..	12.51	10	3	7	..
292	10.6	+40 7	8.3	8.52	06	6	4	*05*
"	"	" "	"	8.43	10	4	1	04
223	10.7	+32 36	6.5	5.98	08b	3	12	33
"	"	" "	"	6.03	08c	3	"	28
259	10.8	+40 20	8.0	8.64	06	6	1	*27*
"	"	" "	"	8.58	10	4	1	*21*
260	10.8	+40 23	9.0	9.68	06	6	1	*01*
"	"	" "	"	9.82	10	4	1	*15*
215	10.9	+ 4 38	9.3	10.61	02	2	9	..
"	"	" "	"	10.81	02g	1	"	..
293	11.0	+39 56	9.0	9.67	06	6	4	..
..	11.1	+ 8 20	..	11.59	01	6	4	..
279	11.2	+55 23	8.1	7.97	05	3	1	44
"	"	" "	"	8.10	05b	3	"	31
68	11.3	+72 21	6.7	6.94	99	3	2	24
"	"	" "	"	6.74	10	6	"	44
..	11.3	+41 14	..	11.06	10	4	7	..
207	11.3	+25 30	9.1	9.30	06	2	17	..
"	"	" "	"	9.36	06b	2	"	..
"	"	" "	"	9.64	07	7	"	..
"	"	" "	"	9.44	07b	2	"	..
64	11.4	+71 52	6.8	6.60	99	2	2	48
236	11.4	+41 22	8.4	7.91	10	4	7	..
..	11.4	+41 3	..	10.66	10	4	7	..
..	11.4	+ 8 32	..	10.94	01	11	4	..
65	11.5	+72 12	9.5	10.26	99	3	2	*34*
"	"	" "	"	10.48	10	6	"	*56*
238	11.5	+41 31	8.5	8.49	10	4	7	..
..	11.5	+41 27	..	10.28	10	4	7	..
..	11.6	+72 11	..	11.40	10	6	2	..
192	11.6	+ 7 58	9.1	9.18	02	6	4	*06*
196	11.9	+31 14	6.8	6.28	08b	4	12	58
"	"	" "	"	6.30	08c	2	"	56
40	12.0	+77 2	6.4	6.44	08b	3	12	*06*
"	"	" "	"	6.28	08c	3	"	10
239	12.0	+41 21	9.3	9.39	10	4	7	..
202	12.0	+ 8 22	9.3	9.57	02	6	4	..
"	"	" "	"	9.81	10	4	21	..
248	12.1	−14 43	9.0	9.77	08	3	18	*66*
"	"	" "	"	10.00	08b	3	"	*89*
..	12.2	+72 6	..	13.41	99	1	2	..
..	12.2	+72 0	..	12.25	99	3	2	..
"	"	" "	"	12.44	01	6	"	..
	h. m.	° ′						
A	1 12.2	+72 0	..	12.38	10r	5	2	..
..	12.2	+57 50	..	12.79	05	6	16	..
319	12.2	+46 53	6.7	6.38	08b	3	12	03
"	"	" "	"	6.37	08c	3	"	04
240	12.2	+41 39	8.8	8.80	10	4	7	..
67	12.3	+72 13	8.6	8.34	99	1	2	10
240	12.3	+57 50	9.0	9.90	05	6	16	..
..	12.3	+57 47	..	13.51	05	6	16	..
165	12.4	+ 5 21	8.3	7.76	01	3	1	30
242	12.5	+57 53	9.1	9.08	05	6	16	..
..	12.5	+30 31	..	10.95	09	4	23	..
69	12.6	+72 2	9.5	9.97	99	3	2	*41*
"	"	" "	"	10.22	10	6	"	*66*
..	12.6	+57 45	..	13.12	05	6	16	..
243	12.6	+57 41	9.3	10.22	05r	6	16	..
171	12.6	+18 17	8.8	9.69	08	2	19	..
"	"	" "	"	9.57	08b	2	"	..
..	12.6	+ 8 22	..	11.96	01	6	4	..
185	12.6	+ 3 5	5.5	5.53	01i	1	1	*25*
"	"	" "	"	5.08	01gi	1	"	20
"	"	" "	"	5.28	02i	1	"	00
"	"	" "	"	5.04	02gi	1	"	24
..	12.7	+71 50	..	11.23	99	3	2	..
"	"	" "	"	11.15	10	6	"	..
..	12.8	+57 47	..	12.14	05	6	16	..
204	12.8	+ 8 32	9.5	10.52	02	6	4	..
"	"	" "	"	10.67	10	4	21	..
..	12.8	+ 8 12	..	11.22	01	6	4	..
247	12.9	+57 49	9.4	10.24	05	9	16	..
"	"	" "	"	10.34	05b	3	"	..
..	12.9	+57 45	..	10.82	05	6	16	..
..	13.0	+71 59	..	11.60	99	3	2	..
"	"	" "	"	11.67	01	6	"	..
"	"	" "	"	11.62	10	6	"	..
205	13.0	+ 8 24	9.5	10.27	02	6	4	..
"	"	" "	"	10.55	10	4	21	..
220	13.1	+36 52	6.5	6.49	08b	3	12	*15*
"	"	" "	"	6.38	08c	3	"	*04*
72	13.2	+71 52	9.5	9.93	99	1	25	..
"	"	" "	"	9.84	10	1	"	..
..	13.2	+ 8 30	..	11.75	01	6	4	..
189	13.2	+ 2 36	9.4	10.08	02	2	9	..
"	"	" "	"	10.19	02g	1	"	..
251	13.3	+57 44	9.5	10.43	05	5	16	..
253	13.3	+57 48	9.5	10.16	05	6	16	..
..	13.3	+ 8 36	..	12.50	01	6	4	..
216	13.3	+ 0 26	9.0	8.91	02	2	9	..
"	"	" "	"	8.88	02g	1	"	..
..	13.4	+72 19	..	11.64	01	6	2	..
74	13.4	+72 5	9.5	10.38	99	3	2	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	1 13.4	+72 5	9.5	10.47	10	7	2	..	A	1 17.0	+57 37	7.0	6.84	09	4	12	*39*
291	13.4	+55 56	8.9	8.56	05	1	25	..	*274*	17.1	+55 5	8.9	9.29	05	3	1	*18*
"	"	" "	"	8.26	05b	1	"	..	"	"	" "	"	9.06	05b	3	"	05
244	13.4	+1 32	9.5	10.73	02	3	9	..	230	17.2	+ 4 43	8.0	7.75	02	3	25	..
"	"	" "	"	10.95	02g	1	"	..	"	"	" "	"	7.69	02g	3	"	..
257	13.6	+57 40	7.9	7.59	05	6	16	..	"	"	" "	"	7.88	05	2	"	..
258	13.6	+57 47	8.8	8.60	05	6	16	..	"	"	" "	"	7.34	05b	2	"	..
183	13.6	+ 3 44	9.5	10.75	02	2	9	..	*232*	17.2	+ 5 12	8.7	9.22	01	3	1	*01*
"	"	" "	"	10.91	02g	1	"	..	"	"	" "	"	9.30	02	3	1	*09*
..	13.8	+71 52	..	11.08	99	2	2	..	"	"	" "	"	9.20	02g	3	"	01
"	"	" "	"	11.14	10	6	"	..	168	17.3	+12 14	9.2	9.51	02	7	4	..
260	13.8	+57 42	6.1	4.95	08b	1	25	30	169	17.3	+12 35	8.8	8.97	02	7	4	..
"	"	" "	"	5.16	08c	1	"	09	..	17.4	+12 4	..	11.56	02	7	4	..
220	14.0	+26 44	4.7	4.79	04b	3	13	*12*	*315*	17.5	+40 5	7.7	8.14	06	6	1	23
"	"	" "	"	4.65	04c	3	"	02	"	"	" "	"	8.02	10	4	"	35
184	14.1	+17 36	7.3	7.80	08	2	1	02	158	17.5	+ 9 50	7.0	7.75	02	3	1	*28*
"	"	" "	"	7.74	08b	2	"	08	"	"	" "	"	7.38	10	4	"	09
197	14.2	+ 7 50	8.2	8.01	02	6	4	*02*	*291*	17.7	+45 7	9.4	9.50	05	3	1	*01*
..	14.3	+72 17	..	11.65	01	6	2	..	"	"	" "	"	9.97	05b	3	"	*48*
..	14.4	+72 6	..	12.19	99	3	2	..	"	"	" "	"	9.65	07	3	"	*16*
"	"	" "	"	12.23	10	6	"	..	"	"	" "	"	9.95	07b	3	"	*46*
176	14.4	+64 8	6.6	6.30	08b	3	12	02	..	17.7	+12 7	..	13.00	02	9	4	..
"	"	" "	"	6.31	08c	3	"	01	"	"	" "	"	12.58	02g	2	"	..
308	14.4	+40 8	9.0	9.49	06	7	1	08	225	17.7	+ 0 40	9.3	10.10	02	3	9	..
"	"	" "	"	9.60	10	4	"	*03*	251	17.8	+ 1 41	9.5	11.48	02	3	9	..
161	14.4	+10 26	8.3	8.72	01	3	1	*15*	*226*	17.8	+ 1 13	8.8	9.53	08	2	8	*12*
"	"	" "	"	8.62	02	3	"	*05*	220	17.9	+33 43	6.3	6.30	08b	3	12	04
295	14.6	+55 41	7.7	8.36	05	2	1	*50*	"	"	" "	"	6.22	08c	3	"	12
"	"	" "	"	8.06	05b	2	"	*20*	*174*	17.9	+12 8	9.1	9.53	02	6	4	..
221	14.6	+ 4 36	9.5	10.88	02	2	9	..	"	"	" "	"	9.25	02g	1	"	..
"	"	" "	"	10.98	02g	1	"	..	218	17.9	+ 8 39	7.9	7.16	10	4	21	..
211	15.3	+ 8 38	8.5	9.10	10	4	1	*11*	292	18.0	+44 51	9.3	10.08	05	6	11	..
204	15.4	+15 11	7.2	7.51	08	3	18	02	..	18.0	+12 26	..	11.19	02	6	4	..
"	"	" "	"	7.42	08b	2	"	11	172	18.1	+10 20	7.3	7.94	02	3	1	*12*
..	15.5	+72 13	..	11.46	01	6	2	..	*162*	18.2	+10 8	8.4	8.49	01	3	1	*02*
248	15.5	−11 46	6.3	6.47	08b	3	12	*17*	"	"	" "	"	8.36	02	3	1	11
"	"	" "	"	6.48	08c	3	"	*18*	..	18.3	+12 25	..	12.76	02	6	4	..
269	15.9	+57 46	8.2	8.15	05	6	16	..	..	18.3	+12 14	..	13.04	02	9	4	..
270	15.9	+57 44	8.7	9.56	05	6	16	..	191	18.3	+ 3 21	9.3	9.93	02	3	9	..
287	16.4	+45 0	5.2	4.64	04b	2	13	35	236	18.4	+ 4 24	9.3	10.10	02	3	9	..
"	"	" "	"	4.96	04c	2	"	03	222	18.5	+ 8 51	9.3	10.76	10	4	21	..
"	"	" "	"	5.10	05b	1	"	*11*	200	18.5	+ 2 26	9.5	11.44	02	3	9	..
"	"	" "	"	5.02	05c	1	"	*03*	224	18.6	+ 8 49	9.0	9.66	10	6	21	..
172	16.7	+12 4	7.0	7.34	02	2	4	*30*	123	18.9	+67 36	5.2	4.95	05b	3	13	01
"	"	" "	"	7.09	02g	4	"	*05*	"	"	" "	"	4.98	05c	3	"	*02*
197	16.8	+18 10	7.9	7.32	08	2	19	..	243	19.0	− 8 31	6.7	6.37	08b	3	12	09
"	"	" "	"	6.91	08b	2	"	..	"	"	" "	"	6.41	08c	3	"	05
167	16.9	+12 37	9.5	11.31	02	7	4	..	244	19.0	− 8 42	3.2	3.67	03c	5	13	16
274	17.0	+57 37	7.0	6.42	08b	3	12	03	"	"	" "	"	3.87	03d	5	"	*04*
"	"	" "	"	6.54	08c	3	"	*09*	*296*	19.2	+45 5	8.5	8.29	05	3	1	*07*

DM.	R.A. 1900.	Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	°	′						
A	1 19.2	+45	5	8.5	8.27	05b	3	1	*05*
"	"	"	"	"	8.40	07	3	"	*18*
"	"	"	"	"	8.21	07b	3	"	01
248	19.3	+59	43	3.0	2.89	04c	3	13	*09*
"	"	"	"	"	2.81	04d	3	"	*01*
299	19.4	+45	5	8.7	8.75	05	3	1	*18*
"	"	"	"	"	8.81	05b	3	"	*24*
"	"	"	"	"	8.61	07	3	"	*04*
"	"	"	"	"	8.68	07b	3	"	*11*
..	19.6	+45	3	..	10.96	05	6	11	..
300	19.6	+44	36	9.0	8.92	05	6	11	..
..	19.7	+45	8	..	12.79	05	6	11	..
301	19.8	+44	42	9.5	10.65	05	6	11	..
..	20.0	+45	8	..	12.28	05	6	11	..
..	20.0	+45	2	..	10.57	05	6	11	..
..	20.0	+44	57	..	11.25	05	6	11	..
226	20.1	+23	0	6.5	6.20	08b	3	12	*13*
"	"	"	"	"	6.19	08c	3	"	*12*
178	20.1	+10	27	9.0	9.48	02	3	1	*11*
303	20.2	+44	40	9.0	9.19	05	6	11	..
229	20.3	+ 8	47	9.2	9.83	10	4	21	..
232	20.6	+ 8	51	8.8	9.31	10	4	21	..
167	20.7	+ 9	53	6.8	7.59	02	3	1	*37*
"	"	"	"	"	7.40	10	4	1	*18*
331	21.0	+55	16	9.0	9.72	05	3	1	*16*
"	"	"	"	"	10.06	05b	3	"	*50*
304	21.0	+45	10	8.3	7.80	05	3	1	*03*
"	"	"	"	"	7.48	05b	3	"	29
"	"	"	"	"	7.72	07	3	"	05
"	"	"	"	"	7.45	07b	3	"	32
305	21.1	+45	10	9.4	9.80	05r	13	11	..
"	"	"	"	"	9.62	07	3	"	..
"	"	"	"	"	9.73	07b	3	"	..
206	21.1	+17	42	8.8	9.07	08	2	19	..
"	"	"	"	"	8.76	08b	2	"	..
181	21.1	+10	22	9.3	9.89	02	3	1	*07*
249	21.1	+ 5	7	9.0	9.57	01	3	1	*07*
342	21.2	+45	17	9.5	10.46	05	6	11	..
184	21.4	+10	22	8.3	8.62	02	3	1	20
189	21.4	− 0	55	7.2	6.70	08b	3	12	*21*
"	"	"	"	"	6.68	08c	3	"	*19*
98	21.6	+70	2	8.5	8.86	01	4	1	*02*
"	"	"	"	"	8.81	01g	1	"	03
307	21.7	+44	53	5.0	4.93	04b	2	13	03
"	"	"	"	"	5.09	04c	2	"	*13*
"	"	"	"	"	5.01	05b	1	"	*05*
"	"	"	"	"	4.90	05c	1	"	06
237	21.7	+ 0	47	9.3	10.38	02	3	9	..
105	21.9	+70	24	8.4	8.51	01	4	1	*12*
"	"	"	"	"	8.67	01g	1	"	*28*
229	1 21.9	− 0	40	7.8	7.76	10	8	25	..
					10.68	10	5	"	..
388	22.2	+50	12	8.9	9.36	10	4	7	21
251	22.4	+ 4	51	8.0	7.29	02	9	9	04
"	"	"	"	"	7.15	02g	6	"	18
"	"	"	"	"	7.39	02	4	25	*06*
"	"	"	"	"	7.31	02g	2	"	02
"	"	"	"	"	7.39	05	3	"	*06*
"	"	"	"	"	6.96	05b	4	"	37
"	"	"	"	"	7.43	05c	1	"	*10*
8	22.6	+88	46	2.0	2.28	05c	3	13	*16*
"	"	"	"	"	1.86	05d	3	"	26
263	22.7	+ 1	38	9.5	11.18	02	3	9	..
99	22.8	+70	6	8.8	9.23	01	4	1	27
"	"	"	"	"	9.11	01g	1	"	39
312	22.8	+45	6	8.3	7.83	05	3	1	29
"	"	"	"	"	7.90	05b	3	"	22
"	"	"	"	"	7.80	07	3	"	32
"	"	"	"	"	7.89	07b	3	"	23
252	22.8	+ 4	48	9.5	11.11	02	10	9	..
"	"	"	"	"	10.98	02	4	25	..
272	22.8	−11	25	6.2	6.33	08b	3	12	*08*
"	"	"	"	"	6.58	08c	3	"	*33*
..	23.0	+50	22	..	10.96	10	4	7	..
215	23.0	+ 2	53	9.4	10.95	02	3	9	..
75	23.2	+72	22	7.9	7.98	99	3	2	17
"	"	"	"	"	7.96	10	6	"	19
..	23.3	+50	12	..	12.78	10	4	7	..
204	23.3	+ 3	30	9.5	10.86	02	3	9	..
287	23.5	+50	19	9.3	10.66	10	4	7	..
100	23.6	+70	4	8.5	8.76	01	4	1	03
"	"	"	"	"	8.50	01g	1	"	29
..	23.6	+50	19	..	11.01	10	4	7	..
289	23.7	+50	16	9.3	10.59	10	4	7	..
397	23.7	+50	12	9.1	10.03	10	3	7	..
..	23.9	+50	20	..	12.18	10	4	7	..
..	24.0	+50	11	..	12.41	10	4	7	..
191	24.0	+10	18	9.0	8.93	02	3	1	24
"	"	"	"	"	9.22	10	4	1	*05*
238	24.0	+ 9	8	8.3	8.36	10	4	21	..
..	24.1	+50	22	..	11.75	10	4	7	..
174	24.2	+ 9	22	9.5	11.00	10	4	21	..
..	24.3	+50	20	..	11.14	10	4	7	..
76	24.5	+72	24	8.0	8.05	99	3	2	29
"	"	"	"	"	8.20	10	6	"	14
400	24.6	+50	6	9.5	10.32	10	4	7	..
401	24.6	+50	9	8.5	8.94	10	4	7	*12*
192	24.7	+10	23	9.3	9.67	02	3	1	20
"	"	"	"	"	10.06	10	4	1	*19*
..	25.0	+ 7	51	..	12.21	10	2	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
222	1 25.1	+ 7 49	9.3	10.68	10	2	7	. .
. .	25.3	+ 7 48	. .	10.98	10	4	7	. .
243	25.4	+ 0 51	8.5	8.78	10	4	7	. .
244	25.8	+ 0 23	9.0	9.58	02	5	1	10
“	“	“ “	“	9.65	02g	5	“	03
245	25.9	+ 0 49	9.3	10.31	02	3	9	. .
“	“	“ “	“	10.29	10	4	7	. .
. .	26.0	+ 8 4	. .	11.72	10	4	7	. .
246	26.0	+ 1 9	8.7	9.31	10	4	1	*22*
256	26.1	+30 6	8.3	8.20	08	3	18	21
“	“	“ “	“	8.21	08b	3	“	20
231	26.1	+14 50	4.0	3.68	04c	3	13	04
“	“	“ “	“	3.79	04d	3	“	*07*
264	26.1	+ 4 31	9.5	11.67	02	3	9	. .
240	26.2	+ 8 20	9.2	10.48	10	4	7	. .
. .	26.2	+ 8 5	. .	12.62	10	2	7	. .
270	26.2	+ 1 19	9.5	10.92	02	3	9	. .
299	26.3	+50 19	8.7	9.11	10	4	1	*04*
241	26.4	+ 8 16	9.5	11.38	10	4	7	. .
443	26.5	+48 9	8.9	9.35	01	6	23	*05*
“	“	“ “	“	9.42	01g	6	“	*12*
198	26.6	+10 17	9.0	9.18	10	4	1	29
211	26.7	+ 3 57	9.5	10.50	02	3	9	. .
226	26.7	+ 2 50	9.5	10.79	02	3	9	. .
320	27.0	+57 49	6.5	5.69	08b	3	12	36
“	“	“ “	“	5.79	08c	3	“	26
321	27.0	+57 32	9.4	10.22	06	4	25	. .
. .	27.0	+57 14	. .	11.08	06	8	24	. .
250	27.0	+ 1 9	8.8	9.58	08	1	8	*34*
“	“	“ “	“	10.04	10	4	7	*80*
251	27.2	+ 1 4	8.0	8.15	10	4	7	*01*
463	27.3	+48 30	8.3	8.33	01	6	23	05
“	“	“ “	“	8.37	01g	6	23	01
260	27.4	+58 44	6.0	4.83	04b	3	13	05
“	“	“ “	“	5.05	04c	3	“	*17*
183	27.7	+ 9 18	9.1	10.10	10	4	21	. .
448	27.9	+48 4	8.0	8.67	01	6	23	*07*
“	“	“ “	“	8.71	01g	6	“	*11*
202	28.2	+10 29	8.6	9.19	10	4	1	*07*
304	28.3	+50 14	9.5	10.47	99	1	25	. .
271	28.5	+60 16	9.1	9.20	9	3	1	*14*
203	28.5	+10 24	8.2	8.35	10	4	1	02
“	“	“ “	“	8.03	10	6	1	34
334	28.6	+51 39	8.8	8.76	01	6	23	19
“	“	“ “	“	8.74	01g	6	“	21
385	28.8	+46 26	8.9	9.07	01	6	23	*11*
“	“	“ “	“	9.02	01g	6	“	*06*
. .	28.9	+30 16	. .	12.77	06	8	24	. .
337	29.0	+51 19	9.0	8.67	01	6	23	30
“	“	“ “	“	8.74	01g	6	“	23
	h. m.	° ′						
. .	1 29.0	+30 15	. .	11.22	06	4	25	. .
217	29.0	+ 3 34	9.0	9.73	02	3	9	. .
182	29.1	+65 43	7.8	8.34	09	2	19	*04*
“	“	“ “	“	8.44	09b	2	“	*14*
81	29.2	+73 47	6.5	6.67	08b	3	12	*25*
“	“	“ “	“	6.65	08c	3	“	*23*
274	29.2	+ 4 56	9.5	10.29	02	3	9	. .
224	29.4	+17 57	6.3	6.04	08b	3	12	01
“	“	“ “	“	6.16	08c	3	“	*11*
186	29.4	+ 9 42	9.5	11.15	10	4	21	. .
278	29.5	+60 20	9.0	9.43	03	3	1	*17*
“	“	“ “	“	9.69	03g	3	“	*43*
“	“	“ “	“	9.47	09	4	1	*21*
336	29.7	+57 27	9.5	10.02	09	4	7	. .
280	29.8	+60 15	8.9	9.04	03	3	1	*08*
“	“	“ “	“	8.98	03g	3	“	*02*
“	“	“ “	“	9.14	09	4	1	*18*
233	29.8	+ 2 47	9.1	9.78	02	1	25	. .
285	29.8	+ 1 32	9.5	10.63	02	3	9	. .
234	29.9	+ 2 50	9.5	10.21	02	2	9	. .
“	“	“ “	“	10.47	02g	1	“	. .
286	29.9	+ 1 14	8.9	9.54	10	4	1	00
337	30.0	+57 17	9.3	9.85	09	5	7	. .
393	30.0	+46 36	7.0	7.05	01	14	23	*03*
“	“	“ “	“	7.02	01g	14	“	00
187	30.0	+ 9 25	9.0	8.88	10	4	21	. .
188	30.2	+ 9 38	9.5	10.92	10	4	21	. .
257	30.2	+ 0 46	9.0	9.68	02	3	9	. .
460	30.3	+48 12	6.4	6.16	05b	2	13	01
“	“	“ “	“	5.91	08b	3	12	26
“	“	“ “	“	6.02	08c	3	“	15
287	30.6	+60 11	8.5	8.44	03	3	1	22
“	“	“ “	“	8.47	03g	3	“	19
“	“	“ “	“	8.39	09	4	“	27
314	30.7	+41 26	8.3	8.64	09	4	19	. .
“	“	“ “	“	8.76	09b	2	“	. .
332	30.9	+40 54	4.0	4.42	04b	1	13	*24*
“	“	“ “	“	4.36	04c	2	“	*18*
“	“	“ “	“	4.09	04d	1	“	.09
“	“	“ “	“	4.21	05c	1	“	*03*
“	“	“ “	“	4.41	05d	1	“	*23*
346	31.1	+57 24	8.6	8.87	09r	3	7	. .
215	31.1	+21 35	9.5	11.27	01	6	23	. .
“	“	“ “	“	11.30	01g	6	“	. .
347	31.4	+57 40	9.0	9.50	09r	3	7	. .
348	31.5	+57 36	9.5	11.03	09	3	7	. .
422	31.7	+50 6	8.9	9.39	10	4	1	*17*
301	31.8	+38 14	9.4	9.72	06	6	4	. .
282	31.8	+ 5 7	8.5	8.42	02	3	1	*02*
“	“	“ “	“	8.31	02g	3	“	09

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
292	1 31.9	+60 19	7.7	7.94	03	3	1	12	253	1 34.6	+14 45	9.0	8.86	10	8	25	..
"	"	" "	"	7.90	03g	3	"	16	*378*	34.7	+40 4	5.4	4.97	04b	3	13	*07*
"	"	" "	"	7.83	09	4	1	23	"	"	" "	"	5.00	04c	3	"	*10*
467	31.9	+48 7	3.6	3.84	04c	2	13	*07*	346	34.8	+44 16	9.3	9.20	01	19	23	..
"	"	" "	"	3.90	04d	2	"	*13*	"	"	" "	"	9.31	01g	19	"	..
"	"	" "	"	3.82	05c	1	"	*05*	347	34.8	+44 30	8.5	8.16	01	6	23	*01*
"	"	" "	"	3.62	05d	1	"	15	"	"	" "	"	8.06	01g	6	"	09
191	32.0	+ 9 36	9.5	11.28	10	4	21	..	*268*	34.9	+ 1 4	9.5	10.62	08	2	8	..
220	32.0	+ 3 59	9.5	10.56	02	3	9	..	299	35.1	+ 1 21	9.5	10.53	02	3	9	..
..	32.1	+ 1 6	..	11.76	08	2	8	..	221	35.4	+18 53	8.2	8.36	09	2	19	..
304	32.4	+38 18	9.3	9.48	06	1	4	..	"	"	" "	"	8.44	09b	2	"	..
..	32.4	+ 1 7	..	11.44	08	2	8	..	..	35.4	+ 1 11	..	12.10	08	2	8	..
284	32.5	+ 4 39	9.4	10.79	02	3	9	..	..	35.4	+ 1 5	..	10.94	08	2	8	..
..	32.6	+38 9	..	11.57	06	6	4	..	*381*	35.5	+40 8	9.3	9.31	06	8	1	*14*
..	32.6	+38 7	..	12.00	06	6	4	..	*370*	35.6	+58 8	6.8	6.44	08b	3	12	*23*
..	32.7	+38 5	..	11.62	06	6	4	..	"	"	" "	"	6.35	08c	3	"	*14*
306	32.8	+39 2	9.5	10.11	06	6	4	..	*270*	35.7	+ 1 8	8.5	8.37	08	2	8	12
..	32.8	+38 5	..	11.11	06	6	4	..	"	"	" "	"	8.26	10	4	1	23
195	32.8	+10 8	9.3	9.92	10	8	1	*05*	*352*	35.8	+45 5	9.0	8.17	08	3	18	65
307	32.9	+38 17	8.9	9.35	06	6	4	..	"	"	" "	"	8.78	08b	3	"	04
196	32.9	+10 13	9.2	10.04	10	6	1	*12*	203	36.0	+ 9 37	9.0	9.17	10	4	21	..
299	33.1	+60 24	8.6	8.30	03	3	1	06	293	36.2	+ 4 59	5.0	5.05	02i	3	1	*37*
"	"	" "	"	8.33	03g	3	"	03	"	"	" "	"	4.69	04b	3	13	*01*
309	33.1	+38 59	9.2	9.82	06	6	4	..	"	"	" "	"	4.80	04c	3	"	*12*
336	33.1	+38 0	9.0	9.50	06	6	4	..	..	36.2	+ 1 12	..	12.92	08	2	8	..
241	33.1	+ 2 45	9.0	9.92	02	3	9	..	..	36.2	+ 1 10	..	11.53	08	2	8	..
311	33.2	+38 52	9.4	9.87	06	6	4	..	272	36.2	+ 0 14	8.7	8.87	02	4	1	*09*
264	33.2	+ 0 38	9.4	9.97	02	3	9	..	"	"	" "	"	8.74	02g	4	"	04
199	33.3	+ 9 23	8.8	8.95	10	4	21	..	..	36.3	+ 4 23	..	11.44	02	1	9	..
313	33.4	+38 30	8.9	9.38	06	6	4	..	334	36.4	+50 24	9.0	9.40	10	4	1	12
405	33.5	+45 32	9.0	8.90	01	6	23	*01*	294	36.4	+ 4 22	9.5	10.34	02	3	9	..
"	"	" "	"	8.85	01g	6	"	04	248	36.4	+ 2 28	9.5	11.17	02	3	9	..
337	33.5	+38 3	8.4	8.51	06	6	4	..	*152*	36.9	+67 4	8.1	7.76	09	2	19	..
..	33.7	+38 56	..	11.49	06	6	4	..	"	"	" "	"	7.93	09b	2	"	..
266	33.7	+ 1 12	9.5	10.78	08	2	8	..	307	36.9	+ 1 58	8.8	9.18	02	3	9	..
363	33.8	+53 22	7.0	6.38	08b	3	12	26	..	36.9	+ 1 10	..	11.75	08	2	8	..
"	"	" "	"	6.66	08c	3	"	*02*	205	37.0	+ 9 40	9.5	11.00	10	4	21	..
..	33.8	+52 38	..	9.93	01r	6	23	..	318	37.2	+60 49	8.5	8.82	03	6	16	..
"	"	" "	"	10.24	01g	6	"	..	206	37.3	+ 9 45	8.2	7.41	10	3	1	04
..	33.9	+38 58	..	10.92	06	6	4	..	337	37.4	+50 17	9.4	10.53	99	1	25	..
..	33.9	+38 53	..	12.91	06	6	4	..	"	"	" "	"	10.80	00	2	"	..
200	33.9	+ 9 28	9.4	11.21	10	4	21	..	*444*	37.4	+50 11	4.1	4.50	04b	1	13	*31*
145	34.1	+66 25	7.4	7.80	09	2	19	*20*	"	"	" "	"	3.92	04c	2	"	27
"	"	" "	"	8.00	09b	2	"	*40*	"	"	" "	"	4.14	04d	1	"	05
201	34.2	+10 10	8.8	9.06	10	4	1	11	"	"	" "	"	4.18	05c	1	"	01
342	34.3	+43 2	9.5	10.70	01	1	25	..	"	"	" "	"	3.99	05d	1	"	20
"	"	" "	"	11.04	01g	1	"	..	*275*	37.4	+ 1 13	9.5	10.34	08	2	8	..
..	34.3	+38 49	..	12.39	06	6	4	..	321	37.5	+60 48	8.6	8.51	03	6	16	..
690	34.3	−24 51	9.9	12.22	05	1	25	..	*297*	37.5	+ 5 14	9.0	8.82	02	3	1	14
318	34.6	+38 39	8.8	8.98	06	6	4	..	"	"	" "	"	8.83	02g	3	"	13

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° '								h. m.	° '						
276	1 37.5	+ 0 42	9.4	10.39	02	3	9	..	378	1 42.1	+42 42	8.6	9.03	09	2	19	..
330	37.7	+57 2	6.4	6.34	08b	3	12	*20*	"	"	" "	"	9.28	09b	2	"	..
"	"	" "	"	6.07	08c	3	"	07	242	42.1	+10 28	9.0	9.04	10	6	1	23
424	37.9	+52 42	8.5	8.05	01	6	23	00	379	42.2	+42 22	9.3	10.43	01r	5	23	..
"	"	" "	"	7.91	01g	6	"	14	"	"	" "	"	10.46	01g	5	"	..
233	38.1	+ 3 31	9.5	10.12	02	3	9	..	220	42.4	+ 9 56	9.5	10.55	10	4	21	..
334	38.2	+56 36	6.5	6.47	08b	3	12	*29*	375	43.0	+40 16	8.8	9.62	06	8	1	00
"	"	" "	"	6.11	08c	3	"	07	377	43.3	+40 20	8.8	9.90	06	8	1	*08*
301	38.2	+31 43	6.5	6.39	08b	3	12	03	223	43.3	+ 9 43	8.7	8.69	10	4	21	..
"	"	" "	"	6.52	08c	3	"	*10*	245	44.2	+64 58	8.9	9.28	05	1	25	..
..	38.3	+60 43	..	12.93	03r	6	16	..	*316*	44.2	+ 5 8	8.5	8.56	02	3	1	04
..	38.6	+60 48	..	11.41	03	6	16	..	"	"	" "	"	8.59	02g	3	"	01
..	38.7	+60 44	..	11.53	03	6	16	..	416	44.6	+51 27	6.3	6.05	08b	3	12	*15*
379	38.7	+53 28	9.4	10.08	06	8	24	..	"	"	" "	"	6.03	08c	3	"	*13*
..	38.8	+60 52	..	11.86	03	6	16	..	352	44.7	−11 11	4.7	4.72	03c	3	13	05
327	38.8	+60 32	8.5	8.42	03	6	16	..	"	"	" "	"	4.56	03d	3	"	21
357	38.9	+43 23	8.8	8.92	01	6	23	06	318	44.8	+ 4 44	9.5	10.83	02	3	9	..
"	"	" "	"	8.98	01g	6	"	00	402	45.2	+53 23	8.7	8.34	10	4	7	..
729	38.9	−24 40	8.8	9.64	04	1	25	..	247	45.3	+ 3 41	9.5	10.26	02	3	9	..
329	39.0	+60 49	9.3	9.98	03	6	16	..	..	45.8	+53 15	..	8.55	10	4	7	..
"	"	" "	"	10.15	03g	7	"	..	405	45.9	+53 25	8.4	8.14	10	4	7	..
330	39.0	+60 47	9.5	10.09	03	6	16	..	279	46.1	+ 2 28	9.3	10.25	02	3	9	..
331	39.0	+60 44	9.0	9.06	03	6	16	..	..	46.2	+53 9	..	9.87	10	4	7	..
..	39.1	+60 53	..	12.48	03r	7	16	..	337	46.2	+ 1 42	9.5	11.65	02	3	9	..
332	39.1	+60 43	9.5	10.53	03	2	16	..	297	46.3	+ 0 19	9.2	9.76	02	3	9	..
333	39.2	+60 44	9.0	9.16	03	7	16	..	*359*	46.5	−10 50	3.5	3.88	03c	4	13	04
334	39.2	+60 42	9.5	10.66	03	6	16	..	"	"	" "	"	3.87	03d	4	"	05
335	39.2	+60 30	9.4	9.32	03	6	16	..	*320*	47.2	+63 11	3.3	3.39	05c	3	13	05
336	39.2	+60 57	9.0	9.22	03	7	16	..	"	"	" "	"	3.42	05d	2	"	02
380	39.3	+53 42	9.5	10.21	06	4	25	..	319	47.4	+58 45	9.0	9.16	06	6	4	..
234	39.3	+10 24	9.0	8.88	10	4	1	*11*	*312*	47.4	+29 6	3.9	3.66	04c	4	13	*08*
295	39.4	−16 28	3	3.84	03c	3	13	*19*	"	"	" "	"	3.66	04d	3	"	*08*
"	"	" "	"	3.82	03d	3	"	*17*	234	47.7	+ 9 56	9.0	8.83	10	4	21	..
339	39.5	+60 46	8.8	8.64	03	7	16	..	243	48.0	+18 48	3.5	4.30	04b	3	13	*26*
..	39.7	+ 1 2	..	11.72	08	2	8	..		48.0	+18 49						
273	40.1	+ 8 39	4.5	4.48	04b	2	13	02	"	"	" "	"	4.00	04c	2	"	04
"	"	" "	"	4.41	04c	3	"	09	290	48.4	+ 2 42	4.5	4.91	02i	5	1	*07*
"	"	" "	"	4.56	04d	1	"	*06*	"	"	" "	"	4.84	04b	3	13	00
362	40.4	+40 30	7.5	7.90	06	8	1	27	"	"	" "	"	4.90	04c	3	"	*06*
398	40.8	+40 4	8.8	9.37	06	8	1	*05*	346	49.0	+36 37	6.4	6.46	08b	4	12	*07*
377	40.9	+55 11	8.6	8.54	10	7	1	*03*	"	"	" "	"	6.32	08c	3	"	07
269	41.4	+ 2 32	9.5	10.02	02	3	9	..	306	49.1	+20 19	2.5	3.01	04c	3	13	*29*
309	41.6	+ 4 18	9.5	10.27	02	3	9	..	"	"	" "	"	2.84	04d	3	"	*12*
283	41.7	+20 42	8.2	8.54	09	2	19	..	*415*	49.2	+55 5	8.0	8.09	2	3	1	07
"	"	" "	"	8.71	09b	2	"	..	"	"	" "	"	7.98	10	7	1	18
317	41.7	+ 1 41	9.5	10.32	02	3	9	..	416	49.2	+54 59	8.6	9.00	2	1	3	..
379	41.9	+55 12	8.0	8.45	02	3	1	*24*	420	49.2	+53 50	8.5	8.29	01	6	23	20
"	"	" "	"	8.41	10	7	1	*20*	"	"	" "	"	8.33	01g	6	"	16
287	41.9	+ 0 30	9.3	10.07	02	3	9	..	*305*	49.2	+ 1 5	9.0	9.50	08	2	8	09
240	42.0	+ 3 26	9.5	9.95	02	3	9	..	440	49.3	+55 20	8.5	8.87	02	3	1	*21*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	1 49.3	+55 20	8.5	8.82	10	7	1	*16*
. .	49.3	+49 56	. .	11.21	10	6	7	. .
330	49.3	+35 6	8.9	8.98	03	3	1	19
“	“	“ “	“	9.09	03g	3	“	08
261	49.3	+ 3 20	9.5	10.41	02	3	9	. .
496	49.4	+50 1	9.5	10.98	10	6	7	. .
. .	49.5	+58 50	. .	11.27	06	6	4	. .
. .	49.5	+58 47	. .	11.08	06	6	4	. .
. .	49.5	+58 46	. .	10.21	06r	7	4	. .
332	49.5	+58 37	9.5	10.22	06	10	R	. .
334	49.6	+58 42	9.2	9.24	06	6	4	. .
417	49.6	+55 10	8.2	8.52	02	3	1	*06*
“	“	“ “	“	8.39	10	7	1	07
. .	49.6	+49 57	. .	12.12	10	4	7	. .
. .	49.7	+58 46	. .	9.63	06	8	24	. .
307	49.7	+ 0 17	8.9	9.48	02	4	1	*15*
“	“	“ “	“	9.67	02g	4	“	*34*
“	“	“ “	“	9.55	08	3	18	*22*
“	“	“ “	“	10.15	08b	3	“	*82*
500	49.8	+49 51	9.5	10.04	10	6	7	. .
. .	49.9	+58 46	. .	10.96	06	6	4	. .
415	49.9	+37 22	8.1	8.36	03	6	16	. .
295	50.0	+ 2 33	9.5	11.49	02	3	9	. .
. .	50.2	+37 23	. .	12.61	03	6	16	. .
418	50.3	+37 28	8.6	9.08	03	6	16	. .
“	“	“ “	“	8.99	03g	6	“	. .
284	50.3	+23 5	6.5	5.70	04b	1	25	25
“	“	“ “	“	5.77	04c	1	“	18
. .	50.3	+ 4 32	. .	11.19	02	3	9	. .
. .	50.5	+58 47	. .	10.59	06r	7	4	. .
. .	50.5	+37 27	. .	11.25	03	6	16	. .
310	50.7	+ 0 25	9.3	9.90	02	3	9	. .
337	50.8	+58 41	9.5	9.63	06	6	4	. .
338	50.8	+35 10	8.9	8.87	03	3	1	*05*
“	“	“ “	“	8.78	03g	3	1	04
348	50.8	+ 1 40	9.0	10.04	02	3	9	. .
. .	50.9	+37 30	. .	10.72	03	6	16	. .
. .	50.9	+37 27	. .	12.87	03	6	16	. .
361	50.9	+37 10	9.3	9.78	03	6	16	. .
396	51.0	+60 19	8.9	8.89	06	6	1	32
339	51.0	+58 38	9.3	9.60	06	6	4	. .
424	51.0	+37 39	8.5	9.04	03	6	16	. .
. .	51.0	+37 26	. .	11.32	03	6	16	. .
265	51.0	+ 4 7	9.5	11.20	02	3	9	. .
. .	51.2	+37 27	. .	11.63	03	6	16	. .
363	51.3	+36 57	9.4	10.04	03	1	25	. .
364	51.4	+37 13	9.5	9.92	03	6	16	. .
427	51.5	+53 51	8.8	8.97	02	6	3	*08*
“	“	“ “	“	8.69	04	5	1	20
“	“	“ “	“	9.00	04b	1	“	*11*
	h. m.	° ′						
175	1 51.6	+66 33	7.2	7.48	08	2	19	*13*
“	“	“ “	“	7.07	08b	2	“	28
428	51.6	+54 7	8.9	8.95	01	2	23	15
“	“	“ “	“	8.86	01g	2	“	24
“	“	“ “	“	8.78	02	6	3	32
“	“	“ “	“	8.63	04	5	1	47
“	“	“ “	“	9.27	04b	1	“	*17*
431	51.6	+37 15	9.4	9.66	03	6	16	. .
368	51.6	+37 10	9.1	9.18	03	6	16	. .
370	51.7	+37 11	8.1	7.55	03g	6	16	. .
379	51.7	+35 18	8.8	9.44	03	3	1	03
“	“	“ “	“	9.41	03g	3	“	06
409	51.9	+40 28	8.4	8.39	01	6	23	*25*
“	“	“ “	“	8.30	01g	6	“	*16*
372	52.0	+37 12	9.1	9.48	03	7	16	. .
373	52.0	+37 11	9.5	10.41	03	6	“	. .
310	52.0	+27 18	6.5	5.83	08b	3	12	19
“	“	“ “	“	5.93	08c	3	“	09
429	52.2	+55 5	7.6	8.10	02	3	1	02
. .	52.4	+54 31	. .	10.56	02	6	3	. .
288	52.4	+23 7	5.0	4.86	04b	3	13	*03*
“	“	“ “	“	4.85	04c	3	“	*02*
316	52.4	+15 3	9.1	9.80	02	1	25	. .
73	52.8	+77 26	6.3	5.99	08b	3	12	36
“	“	“ “	“	6.28	08c	3	“	07
. .	52.8	+54 18	. .	12.93	02	12	3	. .
. .	52.8	+54 17	. .	12.75	02	12	3	. .
464	52.9	+55 18	8.2	8.59	02	3	1	*13*
466	52.9	+55 13	7.9	7.90	02	3	1	31
. .	52.9	+54 30	. .	11.90	02	6	3	. .
378	52.9	+37 12	8.0	8.62	03	6	16	. .
. .	53.0	+54 28	. .	11.99	02	6	3	. .
. .	53.1	+54 26	. .	11.54	02	6	3	. .
. .	53.1	+54 19	. .	10.77	02	6	3	. .
345	53.2	+34 37	9.2	9.44	03	2	25	. .
264	53.2	+10 19	8.5	8.85	02	3	1	*18*
. .	53.3	+54 30	. .	12.67	02	9	3	. .
432	53.4	+54 29	9.4	9.95	02	7	3	. .
435	53.4	+53 57	9.5	10.23	02	6	3	. .
247	53.4	+10 9	9.1	9.63	10	6	21	. .
. .	53.6	+54 20	. .	11.02	02	7	3	. .
. .	53.6	+54 15	. .	10.65	02	6	3	. .
411	53.7	+60 19	9.0	9.17	06	6	1	09
153	53.8	+70 25	4.6	4.59	05b	3	13	02
“	“	“ “	“	4.76	05c	3	“	*15*
376	53.8	+59 28	7.0	7.14	04	5	1	*40*
“	“	“ “	“	6.51	04b	1	“	23
. .	53.8	+54 14	. .	12.31	02	6	3	. .
. .	53.8	+54 11	. .	10.15	02	6	3	. .
333	53.8	+ 4 37	9.5	11.00	02	3	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
304	1 53.9	+ 2 28	9.5	11.72	02	2	9	..
403	54.0	+56 29	9.4	9.48	04	6	3	..
355	54.0	+ 1 40	9.5	10.28	02	3	9	..
321	54.2	+15 6	8.8	9.77	02	3	1	*13*
108	54.4	+73 21	6.2	6.34	08b	3	12	*10*
“	“	“ “	“	6.04	08c	3	“	20
404	54.4	+56 18	9.5	10.75	04	7	3	..
351	54.4	+35 7	9.4	10.01	03	2	25	..
270	54.4	+ 3 27	9.3	10.20	02	3	9	..
386	54.6	+35 18	8.7	8.93	03	2	1	*06*
“	“	“ “	“	8.73	03g	2	“	14
435	54.8	+54 18	9.5	9.91	02	6	3	..
452	54.8	+39 46	9.4	9.54	01	6	23	..
“	“	“ “	“	9.67	01g	6	“	..
326	54.8	+ 0 39	9.4	9.95	02	3	9	..
117	54.9	+71 56	4.0	3.93	05c	3	13	13
“	“	“ “	“	3.98	05d	3	“	08
..	54.9	+56 16	..	11.59	04	6	3	..
..	55.0	+56 20	..	10.63	04	6	3	..
354	55.1	+34 49	7.8	8.66	03	2	1	*54*
“	“	“ “	“	8.20	03g	2	“	*08*
253	55.1	+10 7	7.7	7.97	02	3	1	00
438	55.3	+54 18	9.0	8.86	02	6	3	..
“	“	“ “	“	8.95	09	4	23	..
358	55.3	−21 34	4.1	4.29	04b	3	13	*11*
“	“	“ “	“	4.58	04c	4	“	*40*
“	“	“ “	“	4.46	04d	1	“	*28*
439	55.4	+54 14	9.1	9.52	02	6	3	..
439	55.6	+54 1	5.0	5.15	04b	3	13	*16*
“	“	“ “	“	4.93	04c	3	“	06
441	55.8	+55 8	8.8	8.85	02	3	1	11
270	55.8	+10 21	9.0	8.90	02	3	1	07
“	“	“ “	“	8.79	10	6	1	18
444	56.5	+54 45	7.9	7.27	02	3	1	R
264	56.7	+11 42	8.3	8.61	02	6	4	*08*
440	56.8	+54 13	7.9	8.06	02	6	3	*40*
“	“	“ “	“	7.97	04	5	1	*31*
“	“	“ “	“	7.37	04b	1	“	29
275	56.9	+ 3 28	9.5	10.75	02	3	9	..
317	56.9 56.9	+ 2 17 + 2 17	3.5	4.05	02i	3	1	*11*
“	“	“ “	“	4.10	04b	1	13	*16*
“	“	“ “	“	3.85	04c	3	“	09
“	“	“ “	“	3.80	04d	2	“	14
265	57.0	+12 13	7.5	7.11	02r	3	4	02
“	“	“ “	“	7.16	02g	2	“	*03*
484	57.1	+55 17	8.8	8.69	02	3	1	12
448	57.1	+54 38	8.9	8.45	04	5	1	06
“	“	“ “	“	8.77	04b	1	“	*26*
R	57.2	+13 0	R	6.12	08b	4	12	16
R	1 57.2	+13 0	R	6.32	08c	4	12	*04*
361	57.3	+ 1 49	9.3	10.68	02	3	9	..
277	57.4	+ 3 21	8.8	8.98	02	1	25	..
398	57.5	+60 12	8.9	9.28	06	6	1	*02*
342	57.5	+ 4 32	9.5	10.10	02	1	9	..
486	57.7	+56 4	9.1	10.01	04	6	3	..
400	57.8	+60 1	7.8	8.30	06	6	1	*24*
416	57.8	+56 37	8.7	8.53	04	6	3	..
395	57.8 57.8	+41 51 +41 51	2.0	2.37	04c	2	13	*17*
“	“	“ “	“	2.08	04d	2	“	12
“	“	“ “	“	2.05	05c	1	“	15
“	“	“ “	“	2.19	05d	1	“	01
..	57.8	+ 4 34	..	11.14	02	1	25	..
417	57.9	+56 32	8.8	8.98	04	6	3	..
452	58.0	+54 17	8.5	7.89	01	6	23	07
“	“	“ “	“	7.86	01g	6	“	10
“	“	“ “	“	8.35	02	6	3	*39*
326	58.1	+ 2 22	9.5	11.03	02	3	9	..
401	58.3	+38 55	8.5	8.72	01	6	23	..
“	“	“ “	“	8.69	01g	6	“	..
307	58.3	+17 46	7.0	6.32	08b	4	12	10
“	“	“ “	“	6.76	08c	4	“	*34*
..	58.3	+12 17	..	12.39	02	12	4	..
271	58.4	+11 57	9.5	10.88	02	6	4	..
341	58.4	+ 1 8	9.0	8.42	08	1	8	07
342	58.5	+ 0 26	9.3	9.51	02	3	9	..
430	58.6	+40 15	9.1	9.16	00	1	25	*09*
..	58.9	+12 7	..	10.88	02	6	4	..
344	58.9	+ 1 6	9.0	8.71	08	1	8	33
..	59.0	+12 1	..	11.47	02	6	4	..
274	59.1	+11 57	9.5	9.92	02	6	4	..
..	59.2	+11 52	..	12.88	02	12	4	..
432	59.5	+60 19	9.0	9.14	06	6	1	*13*
285	59.5	+10 19	9.0	9.34	02	3	1	18
337	59.9	+15 3	8.5	9.08	02	3	1	06
350	2 0.6	+ 0 20	8.6	9.05	02	4	1	33
“	“	“ “	“	9.08	02g	4	“	30
277	0.9	+11 58	9.1	9.56	02	6	4	..
349	0.9	+ 4 34	9.5	10.35	02	3	9	..
324	1.0	+ 7 46	7.0	6.50	08b	3	12	16
“	“	“ “	“	6.50	08c	3	“	16
282	1.1	+13 0	7.3	7.35	08b	1	25	*15*
“	“	“ “	“	6.91	08c	1	“	29
282	1.1	+ 3 34	9.5	10.65	02	3	9	..
271	1.3	+10 1	7.7	8.07	02	4	1	*40*
388	1.3	− 4 50	7.3	7.38	09	4	1	*08*
306	1.5	+22 59	2.0	2.50	04c	3	13	*27*
“	“	“ “	“	2.19	04d	3	“	04
333	1.6	+ 2 24	9.3	9.92	02	3	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
71	2 1.7	+81 19	9.5	10.99	06	6	4	..	298	2 6.3	+ 3 28	9.5	11.24	02	3	9	..
494	1.7	+57 57	6.5	5.50	08b	2	12	40	295	6.4	+10 51	9.5	10.77	10	8	21	..
“	“	“ “	“	5.61	08c	2	“	29	385	6.4	+ 1 20	9.5	10.62	02	3	9	..
“	“	“ “	“	6.01	09b	1	“	*11*	*519*	6.6	+58 6	6.6	6.31	08b	1	25	19
“	“	“ “	“	5.76	09c	1	“	14	“	“	“ “	“	6.84	08c	1	“	*34*
338	2.0	− 4 41	7.5	7.70	09	4	1	*15*	297	6.9	+23 43	6.7	6.07	08b	3	12	12
342	2.1	+15 7	8.5	8.63	02	3	1	*14*	“	“	“ “	“	6.25	08c	3	“	*06*
373	2.2	+ 1 15	9.5	11.37	02	3	9	..	*404*	6.9	− 4 50	8.7	9.26	09	4	1	04
354	2.2	+ 0 40	9.5	10.44	02	3	9	..	191	7.4	+67 13	7.8	7.22	08	2	19	..
431	2.3	+43 58	6.9	6.00	06	6	4	50	“	“	“ “	“	6.98	08b	2	“	..
“	“	“ “	“	6.25	08b	3	12	25	*536*	7.6	+47 2	6.2	6.22	08b	3	12	*19*
“	“	“ “	“	6.59	08c	3	“	*09*	“	“	“ “	“	6.18	08c	3	“	*15*
315	2.3	+17 33	7.3	6.70	08b	2	12	*19*	345	7.7	+ 8 23	4.6	4.53	04b	3	13	01
“	“	“ “	“	6.97	08c	2	“	*46*	“	“	“ “	“	4.62	04c	3	“	*08*
354	2.4	+ 5 9	7.7	8.19	02	3	1	*18*	444	7.8	+44 13	9.0	8.92	06	6	4	..
“	“	“ “	“	7.92	02g	3	“	09	504	7.8	+37 38	9.0	9.13	01	6	23	..
486	2.5	+37 23	5.0	4.57	04b	3	13	20	“	“	“ “	“	9.06	01g	6	“	..
“	“	“ “	“	4.70	04c	3	“	07	..	7.8	+ 1 4	..	12.10	08	3	8	..
292	2.8	+10 42	7.9	7.98	02	3	1	35	551	8.1	+55 17	8.0	8.74	03	3	1	*08*
355	3.0	+ 1 7	9.5	11.17	08	3	8	..	“	“	“ “	“	8.44	03g	3	“	22
272	3.1	+10 8	9.0	9.22	02	3	1	15	349	8.1	+ 2 36	9.5	11.09	02	3	9	..
460	3.4	+53 22	6.0	6.10	09b	1	12	30	552	8.2	+55 20	8.0	8.66	03	3	1	*15*
“	“	“ “	“	6.33	09c	1	“	07	“	“	“ “	“	8.23	03g	3	“	28
381	3.6	+34 31	3.0	3.01	04c	3	13	07	198	8.7	+66 49	7.4	7.10	08	1	1	10
“	“	“ “	“	2.98	04d	3	“	10	“	“	“ “	“	7.40	08b	1	“	*20*
73	3.7	+81 20	9.5	10.91	06r	5	4	..	526	8.9	+57 50	7.8	7.62	99	1	25	..
490	3.9	+38 11	8.8	9.17	01	6	23	..	..	8.9	+ 1 5	..	11.02	08	2	8	..
“	“	“ “	“	9.06	01g	6	“	..	302	9.1	+11 19	9.5	10.76	06	2	25	..
247	3.9	+16 46	6.8	6.40	08b	3	12	03	75	9.3	+81 19	9.5	10.32	06	6	4	..
“	“	“ “	“	6.47	08c	3	“	*04*	590	9.5	+47 21	6.7	6.39	08b	3	12	05
121	4.1	+73 34	6.5	6.27	08b	3	12	*08*	“	“	“ “	“	6.57	08c	3	“	*13*
“	“	“ “	“	6.31	08c	3	“	*12*	*369*	9.5	+ 1 12	7.5	7.26	08	1	8	23
292	4.4	+12 42	7.5	7.66	10	10	1	*04*	529	9.6	+57 45	8.7	8.53	99	3	2	07
438	4.6	+57 11	6.5	6.38	08b	2	12	*02*	“	“	“ “	“	8.64	10	6	“	*04*
“	“	“ “	“	6.51	08c	2	“	*15*	305	9.6	+11 47	8.9	8.33	06	4	24	..
“	“	“ “	“	6.54	09b	1	“	*18*	“	“	“ “	“	8.52	06b	4	“	..
“	“	“ “	“	6.56	09c	1	“	*20*	..	9.7	+81 14	..	11.42	06	6	4	..
358	4.6	+ 0 19	8.7	9.22	02	3	1	*14*	..	9.8	+81 13	..	12.62	06	6	4	..
“	“	“ “	“	9.09	02g	3	“	*01*	471	9.9	+56 36	6.6	6.59	08b	3	12	*17*
470	5.0	+54 5	8.8	8.45	01	6	23	*08*	“	“	“ “	“	6.40	08c	3	“	02
“	“	“ “	“	8.40	01g	6	“	*03*	*531*	10.0	+58 11	8.2	8.08	99	2	2	*18*
“	“	“ “	“	8.62	02	4	“	*25*	“	“	“ “	“	8.10	10	6	“	*20*
“	“	“ “	“	8.31	02g	4	“	06	399	10.1	+ 1 23	9.3	10.36	02	3	9	..
345	5.2	+ 2 17	9.5	9.98	02	3	9	..	..	10.1	+ 1 8	..	10.98	08	2	8	..
74	5.6	+81 19	9.5	10.28	06	6	4	..	311	10.2	+ 3 40	9.5	10.86	02	3	9	..
..	6.0	+11 25	..	11.71	10r	8	21	..	337	10.4	− 0 12	9.3	10.05	02	3	9	..
..	6.0	+ 1 11	..	11.74	08	3	8	..	451	10.5	+36 39	8.6	8.48	01	6	23	..
..	6.1	+ 1 10	..	11.67	08	2	8	..	“	“	“ “	“	8.51	01g	6	“	..
361	6.1	+ 0 37	9.5	11.53	02	3	9	..	306	10.5	+10 54	8.2	8.22	10	2	25	..
363	6.2	+ 4 27	9.5	10.41	02	3	9	..	*492*	10.6	+54 10	9.5	9.90	01	6	23	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	2 10.6	+54 10	9.5	9.89	01g	6	23	..	*458*	2 12.4	+45 11	8.7	8.67	06	6	1	25
“	“	“ “	“	9.91	02	4	“	..	76	12.5	+81 44	9.5	10.76	06r	5	4	..
“	“	“ “	“	9.91	02g	4	“	..	320	12.5	+63 52	7.0	6.61	08b	3	12	*12*
374	10.6	+ 5 12	9.0	9.37	02	4	1	*11*	“	“	“ “	“	6.60	08c	3	“	*11*
“	“	“ “	“	9.23	02g	4	“	03	648	12.9	+48 29	6.7	6.42	08b	4	12	*02*
371	10.6	+ 1 12	9.0	9.34	08	2	8	10	“	“	“ “	“	6.51	08c	4	“	*11*
563	10.7	+55 18	8.5	8.91	03	3	1	*05*	347	12.9	− 3 14	9.0	9.36	07	4	5	..
“	“	“ “	“	8.83	03g	3	“	03	“	“	“ “	“	9.59	09	4	20	..
460	10.7	+44 6	9.0	8.95	06	6	4	..	348	12.9	− 3 17	9.9	10.85	07	4	5	..
565	10.8	+55 23	9.1	9.19	03	3	1	*08*	*425*	12.9	− 4 49	8.5	8.86	07	3	1	*01*
“	“	“ “	“	9.29	03g	3	“	*18*	“	“	“ “	“	8.78	09	4	1	07
376	10.8	+ 4 15	9.5	10.51	02	3	9	..	..	13.0	+56 44	..	11.01	03	6	16	..
535	10.9	+57 26	6.2	5.55	08b	1	25	54	..	13.1	+56 41	..	11.01	03	6	16	..
“	“	“ “	“	5.84	08c	1	“	25	545	13.2	+56 39	8.5	9.20	03	6	16	..
486	11.0	+57 4	6.5	5.82	08b	3	12	33	“	“	“ “	“	9.26	03g	6	“	..
“	“	“ “	“	6.05	08c	3	“	10	..	13.3	+56 43	..	11.44	03	6	16	..
493	11.0	+54 7	8.4	8.52	01	6	23	04	*543*	13.4	+58 8	9.5	9.96	02	6	25	..
“	“	“ “	“	8.40	01g	6	“	16	“	“	“ “	“	10.22	02g	6	“	..
“	“	“ “	“	8.53	02	4	“	03	..	13.4	+56 37	..	13.23	03	6	16	..
“	“	“ “	“	8.54	02g	4	“	02	547	13.4	+56 32	8.2	8.41	03	6	16	..
309	11.0	+11 56	8.0	7.92	06	3	17	..	548	13.5	+56 51	9.2	9.36	03	6	16	..
“	“	“ “	“	7.72	06b	3	“	..	350	13.5	− 3 46	9.8	11.08	07	4	5	..
“	“	“ “	“	8.16	07	4	“	..	351	13.5	− 3 34	9.8	11.42	07	4	5	..
“	“	“ “	“	8.07	07b	4	“	..	*429*	13.5	− 4 47	8.7	8.74	07	3	1	11
309	11.0	− 1 45	8.5	9.68	01	2	1	*21*	“	“	“ “	“	8.49	09	4	1	36
..	11.2	+44 0	..	11.26	06	6	4	..	..	13.6	+58 2	..	9.94	99	3	2	..
461	11.2	+43 54	9.5	9.56	06	6	4	..	“	“	“ “	“	10.11	10	6	“	..
585	11.3	+45 15	9.2	9.16	06	6	1	16	..	13.6	+56 46	..	12.26	03	7	16	..
..	11.3	+43 58	..	11.96	06	6	4	..	..	13.6	+56 38	..	12.51	03	7	16	..
537	11.4	+58 8	9.0	8.96	99	3	2	08	411	13.6	+ 1 29	9.3	9.70	02	3	9	..
“	“	“ “	“	9.11	10	6	“	*07*	*375*	13.7	− 3 56	8.9	9.68	09	4	20	..
462	11.4	+43 50	9.5	9.55	06	6	4	..	357	13.8	+ 2 33	9.5	10.82	02	3	9	..
397	11.4	+33 23	4.1	4.06	04b	3	13	01	383	13.8	+ 0 35	9.5	11.15	02	3	9	..
“	“	“ “	“	3.99	04c	3	“	08	551	13.9	+56 42	8.2	8.31	03	6	16	..
..	11.4	+ 1 8	..	10.28	08	2	8	..	590	13.9	+55 22	8.5	8.91	03	3	1	*10*
..	11.5	+43 57	..	12.05	06	6	4	..	“	“	“ “	“	8.68	03g	4	“	13
307	11.5	+23 19	6.8	6.47	08b	3	12	03	553	14.0	+56 43	9.2	9.59	03	6	16	..
“	“	“ “	“	6.47	08c	3	“	03	394	14.0	− 2 39	9.1	9.80	09	4	20	..
511	11.6	+55 5	8.1	8.18	03	1	25	53	*546*	14.1	+58 2	9.3	9.10	99	3	2	05
“	“	“ “	“	7.81	03g	1	“	90	“	“	“ “	“	9.25	10	6	“	*10*
345	11.8	− 3 22	8.5	8.60	07	4	5	16	*464*	14.1	+45 10	9.2	9.22	06	6	1	05
..	11.9	+43 49	..	10.36	06	6	4	..	557	14.2	+56 41	9.5	10.05	03	6	16	..
..	12.1	+43 50	..	11.92	06	6	4	..	557	14.2	+46 51	6.5	6.08	08b	4	12	00
377	12.1	+ 1 3	9.0	8.26	08	2	8	58	“	“	“ “	“	6.04	08c	4	“	04
346	12.1	− 2 49	9.3	10.04	09	4	20	..	*547*	14.3	+58 5	9.4	9.64	99	2	25	..
531	12.2	+56 48	9.5	10.34	03	6	16	..	548	14.3	+57 58	9.5	9.69	99	3	2	*31*
..	12.2	+43 57	..	10.64	06	6	4	..	“	“	“ “	“	9.96	10	5	“	*58*
379	12.2	+ 5 4	8.7	9.26	02	3	1	*01*	..	14.4	+36 0	..	10.82	01	2	23	..
“	“	“ “	“	9.07	02g	3	“	18	“	“	“ “	“	11.06	01g	2	“	..
588	12.4	+45 13	9.2	9.44	06	6	1	*25*	325	14.4	+ 3 23	9.5	10.90	02	3	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
354	2 14.4	− 3 43	9.3	10.10	07	4	5	..	328	2 18.1	+ 3 32	9.5	10.90	02	3	9	..
166	14.5	+68 19	7.5	7.41	08	2	19	*01*	421	18.1	+ 1 21	9.3	10.17	02	3	9	..
“	“	“ “	“	7.40	08b	2	“	00	392	18.4	+ 0 14	9.5	10.83	02	3	9	..
381	14.5	+ 4 27	9.5	10.70	02	3	9	..	328	18.4	− 1 0	8.7	8.80	99	3	5	06
384	14.5	+ 1 4	9.5	10.77	08	2	8	..	“	“	“ “	“	8.71	01	6	25	15
355	14.5	− 3 25	9.0	9.12	01	6	25	*04*	“	“	“ “	“	8.92	01g	7	“	*06*
“	“	“ “	“	9.21	01g	6	“	*13*	656	18.9	+49 50	4.9	4.89	04b	1	13	*03*
“	“	“ “	“	9.31	02	6	“	*23*	“	“	“ “	“	5.13	04c	1	“	*27*
“	“	“ “	“	9.26	02g	6	“	*18*	“	“	“ “	“	4.88	05b	1	“	*02*
“	“	“ “	“	9.60	07	4	5	*52*	“	“	“ “	“	4.92	05c	2	“	*06*
“	“	“ “	“	9.24	09	4	20	*16*	390	18.9	+ 4 35	9.2	9.54	02	3	9	..
549	14.6	+58 7	8.5	8.27	99	3	2	19	76	19.1	+80 56	9.4	9.98	06	6	4	..
“	“	“ “	“	8.28	10	5	“	18	331	19.1	− 1 4	9.5	10.02	99	3	5	*40*
563	14.6	+56 40	9.3	9.62	03	6	16	..	467	19.5	+58 25	8.0	8.04	99	3	2	00
396	14.7	− 2 41	8.4	8.85	09	4	20	..	“	“	“ “	“	8.16	10	6	“	*12*
566	14.8	+56 43	9.4	9.94	03	6	16	..	575	19.9	+51 36	9.0	9.29	06	7	24	..
567	14.8	+56 27	8.4	8.70	03	6	16	..	“	“	“ “	“	8.82	06b	1	“	..
356	15.0	− 3 15	9.4	10.43	07	4	5	..	..	19.9	− 0 44	..	11.69	99	1	5	..
456	15.1	+58 43	7.3	7.23	99	3	2	57	*360*	20.0	+ 0 11	8.5	8.02	01r	3	1	26
“	“	“ “	“	7.24	10	6	“	56	576	20.1	+51 22	9.5	11.54	06	4	25	..
..	15.1	+ 1 8	..	11.28	08	2	8	..	..	20.1	− 0 47	..	13.11	99	3	5	..
318	15.1	− 1 44	8.8	10.24	01	3	1	*22*	335	20.2	+11 32	7.3	7.50	10	8	1	02
379	15.1	− 3 59	8.5	8.10	07	4	5	*05*	*396*	20.2	+ 1 7	8.8	9.00	01	2	5	09
“	“	“ “	“	8.04	09	4	20	01	..	20.2	− 0 41	..	13.44	99	2	5	..
474	15.2	+44 9	6.5	6.96	06	6	4	00	..	20.5	− 0 32	..	12.28	99	2	5	..
385	15.2	+ 1 8	8.8	9.14	08	2	8	*30*	“	“	“ “	“	12.43	01	5	“	..
357	15.2	− 3 19	9.7	10.41	07	4	5	..	“	“	“ “	“	12.17	05	2	“	..
401	15.4	−14 51	7.3	8.26	08	3	18	*04*	..	20.5	− 0 46	..	12.13	99	3	5	..
“	“	“ “	“	8.35	08b	3	“	*13*	337	20.6	+11 28	9.0	9.04	10	6	21	..
79	15.5	+81 40	9.4	9.92	06	6	4	..	*328*	20.7	+65 3	8.5	9.16	10	6	1	*81*
..	15.5	+58 0	..	12.75	99	2	2	..	..	20.7	− 0 54	..	11.83	99	3	5	..
..	15.6	+58 4	..	11.97	99	3	2	..	213	20.8	+66 57	4.7	4.44	05b	2	13	15
“	“	“ “	“	12.23	10	6	“	..	“	“	“ “	“	4.60	05c	3	“	*01*
..	15.6	+58 0	..	12.46	99	2	2	..	“	“	“ “	“	4.45	05d	1	“	14
“	“	“ “	“	12.63	10	6	“	..	..	20.9	− 0 53	..	11.51	99	2	5	..
..	15.7	+58 9	..	10.94	99	3	2	..	..	21.0	+50 48	..	11.28	08	4	4	..
“	“	“ “	“	11.42	10	6	“	..	*333*	21.0	− 0 54	9.2	9.83	99	3	5	*03*
478	15.7	+43 49	8.0	8.32	06	6	4	..	451	21.1	−12 44	4.7	5.01	03b	2	13	*11*
..	15.9	+58 14	..	11.07	99	3	2	..	“	“	“ “	“	4.98	03c	3	“	*08*
“	“	“ “	“	10.98	10	6	“	..	“	“	“ “	“	4.93	03d	1	“	*03*
388	15.9	+ 1 10	9.3	9.74	08	2	8	..	*375*	21.2	+ 3 10	9.5	10.79	02	3	9	..
473	16.4	+45 3	8.8	8.83	06	6	1	*21*	..	21.2	− 0 25	..	12.60	01	5	5	..
383	16.4	+15 5	7.6	7.95	08	3	18	*01*	“	“	“ “	“	12.09	05	2	“	..
“	“	“ “	“	7.93	08b	3	“	01	556	21.3	+50 49	9.5	10.52	08	4	4	..
363	16.5	+ 2 15	9.3	10.13	02	3	9	..	409	21.3	+26 33	6.5	6.13	08b	3	12	05
354	16.6	− 0 36	7.8	7.31	99	2	5	28	“	“	“ “	“	6.23	08c	3	“	*05*
363	16.6	− 3 25	8.9	8.99	07	4	5	*17*	..	21.3	− 0 26	..	12.93	01	5	5	..
“	“	“ “	“	8.98	09	4	20	*16*	“	“	“ “	“	12.18	05	2	“	..
364	16.8	− 3 41	9.0	9.81	09	4	20	..	*77*	21.4	+81 3	9.4	10.30	06	6	4	..
482	17.0	+43 55	8.2	8.00	06	6	4	..	..	21.4	+50 54	..	11.66	08	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	2 21.4	+50 50	..	12.38	08	4	4	..	..	2 23.6	+34 53	..	11.43	02g	2	23	..
362	21.4	+0 9	8.8	9.18	01	2	1	05	408	24.2	+0 20	8.2	8.53	01	3	1	10
..	21.4	−0 24	..	12.03	01	5	5	..	“	“	“ “	“	8.73	02	3	1	*10*
“	“	“ “	“	11.74	05	2	“	..	“	“	“ “	“	8.50	02g	3	“	13
..	21.5	+50 58	..	10.83	08	4	4	..	445	24.3	+33 23	6.5	6.41	08b	3	12	*16*
396	21.5	+4 14	9.5	10.19	02	3	9	..	“	“	“ “	“	6.41	08c	3	“	*16*
400	21.6	+0 17	9.5	10.84	02	3	9	..	405	24.4	+4 27	9.0	9.15	02	3	9	..
440	21.8	+34 57	8.6	8.38	01	6	23	..	490	24.7	+35 40	7.5	7.78	01r	28	23	*20*
“	“	“ “	“	8.30	01g	5	“	..	“	“	“ “	“	7.88	02	3	1	*30*
..	21.8	−0 34	..	12.62	01	5	5	..	“	“	“ “	“	7.94	05	3	23	*36*
“	“	“ “	“	12.72	05	2	“	..	“	“	“ “	“	7.85	05b	3	“	*27*
376	22.0	+2 14	9.5	10.29	02	2	9	..	492	24.9	+35 17	9.0	8.95	01r	30	23	*01*
“	“	“ “	“	10.66	02g	2	“	..	“	“	“ “	“	8.57	01gr	1	“	37
363	22.0	−0 18	9.3	9.80	99	3	5	*38*	“	“	“ “	“	8.90	02	3	1	04
“	“	“ “	“	9.84	01	9	“	*42*	“	“	“ “	“	9.27	05	3	23	*33*
“	“	“ “	“	9.42	05	13	“	00	“	“	“ “	“	9.03	05b	3	“	*09*
..	22.1	+50 42	..	11.61	08	4	4	..	493	25.0	+35 13	9.3	9.97	01	43	23	..
378	22.2	+2 13	9.5	10.55	02	1	25	..	“	“	“ “	“	10.03	01g	38	“	..
336	22.3	−1 28	8.5	9.19	99	3	5	*22*	“	“	“ “	“	9.90	01h	1	“	..
..	22.4	+50 52	..	12.41	08	4	4	..	462	25.0	−13 42	8.0	8.61	02	6	5	..
..	22.4	+50 50	..	13.04	08	2	4	..	494	25.1	+35 19	8.8	9.13	01	29	23	*03*
441	22.4	+35 3	8.5	8.58	01r	30	23	26	“	“	“ “	“	8.96	01g	2	“	14
“	“	“ “	“	8.73	05	3	“	11	“	“	“ “	“	9.20	02	3	1	*10*
“	“	“ “	“	8.86	05b	3	“	*02*	“	“	“ “	“	9.30	05	3	23	*20*
338	22.4	−1 12	8.0	7.35	99	1	5	*13*	“	“	“ “	“	9.27	05b	3	“	*17*
442	22.5	+34 51	8.3	8.55	01	1	25	..	468	25.2	−14 25	8.2	8.82	02	6	5	..
430	22.5	+1 18	9.3	10.41	02	3	9	..	..	25.3	+81 4	..	11.32	06	6	4	..
..	22.5	−0 42	..	13.06	06	4	24	..	366	25.4	+19 57	9.5	8.84	00	1	25	..
..	22.6	+50 51	..	11.86	08	4	4	..	380	25.4	+17 16	6.5	6.17	08b	3	12	24
339	22.6	−0 52	8.9	10.06	01	1	25	*38*	“	“	“ “	“	6.24	08c	3	“	17
..	22.7	−0 37	..	12.94	06	2	25	..	81	25.6	+80 59	9.4	10.07	06	6	4	..
563	22.8	+50 59	9.2	9.74	08	4	4	..	496	25.7	+35 33	9.4	10.22	01	7	23	..
480	22.8	+35 12	8.9	9.27	01r	29	23	*11*	“	“	“ “	“	10.32	01g	7	“	..
“	“	“ “	“	9.53	05	3	“	*37*	“	“	“ “	“	10.39	05	3	“	..
“	“	“ “	“	9.35	05b	3	“	*19*	“	“	“ “	“	10.65	05b	3	“	..
388	22.8	+8 1	4.5	4.51	04b	3	13	*17*	..	25.7	+35 18	..	11.52	01r	53	23	..
“	“	“ “	“	4.36	04c	3	“	*02*	“	“	“ “	“	11.66	01g	21	“	..
431	22.9	+1 31	6.8	6.57	08b	3	12	*08*	“	“	“ “	“	11.32	01h	1	“	..
“	“	“ “	“	6.57	08c	3	“	*08*	*451*	25.8	+35 10	8.8	8.94	01	30	23	02
365	22.9	−0 14	8.8	8.33	99	3	5	20	“	“	“ “	“	8.95	02	3	1	01
564	23.1	+50 47	8.5	8.45	08	4	4	..	“	“	“ “	“	9.08	05	3	23	*12*
80	23.2	+81 11	8.4	7.90	06	6	4	..	“	“	“ “	“	9.15	05b	3	“	*19*
404	23.2	+1 2	8.5	8.60	01	3	1	*01*	452	25.9	+34 25	9.4	10.22	01	6	23	..
565	23.3	+51 0	9.0	9.47	08	4	4	..	“	“	“ “	“	10.32	01g	6	“	..
367	23.3	−0 41	8.3	8.33	99	3	5	*03*	“	“	“ “	“	10.19	02	2	“	..
345	23.5	+11 33	8.0	8.17	10	6	21	..	“	“	“ “	“	10.45	02g	2	“	..
567	23.6	+50 42	8.4	8.83	08	4	4	..	*411*	25.9	+1 8	9.4	10.93	02	3	9	..
..	23.6	+34 53	..	11.41	01r	7	23	..	413	25.9	+0 18	9.5	10.97	02	3	9	..
“	“	“ “	“	11.42	01g	5	“	..	498	26.1	+35 17	8.0	7.93	01	29	23	10
“	“	“ “	“	11.70	02	2	“	..	“	“	“ “	“	7.97	02	3	1	06

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	2 26.1	+35 17	8.0	8.06	05	3	23	*03*
“	“	“ “	“	7.92	05b	3	“	11
454	26.1	+34 14	7.8	7.78	02	1	25	. .
414	26.1	+ 1 4	8.4	8.43	01	3	1	*14*
395	26.6	+ 2 36	9.4	10.26	02	3	9	. .
468	26.6	−13 36	8.8	9.52	02	6	5	. .
350	26.7	+ 3 24	9.3	9.81	02	3	9	. .
454	26.8	+34 6	6.4	5.85	02g	6	3	05
380	27.0	+ 6 16	7.8	8.30	09b	4	19	. .
501	27.1	+35 14	8.9	9.18	01	29	23	*12*
“	“	“ “	“	9.20	02	3	1	*14*
“	“	“ “	“	9.16	05	3	23	*10*
“	“	“ “	“	9.36	05b	3	“	*30*
352	27.1	− 1 38	8.5	7.80	99	3	5	17
“	“	“ “	“	7.87	01	3	“	10
595	27.3	+52 24	9.0	8.18	01	6	23	12
“	“	“ “	“	8.20	01g	6	“	10
596	27.3	+52 20	9.3	9.71	01	7	23	. .
“	“	“ “	“	9.72	01g	5	“	. .
411	27.3	+ 5 5	8.8	9.31	02	4	1	09
“	“	“ “	“	9.42	02g	4	“	*02*
449	27.3	−15 41	4.5	4.71	03b	2	13	11
“	“	“ “	“	4.82	03c	3	“	00
“	“	“ “	“	4.83	03d	1	“	*01*
422	27.6	+ 1 3	8.5	8.87	08	2	8	*18*
82	27.7	+81 0	9.3	9.84	06	6	4	. .
458	27.7	+33 55	7.5	7.70	02	7	3	*15*
440	27.8	+ 1 14	8.5	8.93	01	3	1	06
335	28.2	+65 3	8.5	8.70	10	6	1	30
462	28.2	+34 42	7.0	7.79	02	3	1	*48*
462	28.5	+33 28	8.2	8.42	02	6	3	. .
476	28.6	−13 32	9.8	11.14	02	12	5	. .
477	28.6	−13 0	9.5	10.89	02	6	5	. .
426	28.7	+20 14	9.0	9.00	00	1	25	05
658	28.8	+55 12	9.4	9.38	04	1	25	. .
478	28.8	−13 36	9.9	11.42	02	12	5	. .
444	28.9	+ 1 18	9.3	10.38	02	3	9	. .
465	29.0	+33 44	8.1	8.36	02	6	3	. .
573	29.2	+39 15	7.0	6.31	08b	3	12	*03*
“	“	“ “	“	6.05	08c	3	“	23
481	29.2	−13 23	8.5	9.09	02	7	5	*09*
357	29.4	+ 3 17	9.3	9.80	02	3	9	. .
482	29.4	−12 49	9.1	9.80	02	6	5	. .
551	29.5	+40. 16	8.2	8.48	03	3	1	*21*
“	“	“ “	“	8.51	03g	3	“	*24*
414	29.5	+30 14	8.2	8.47	08	3	18	04
“	“	“ “	“	8.44	08b	3	“	07
552	29.6	+40 20	9.0	9.13	03	3	1	39
“	“	“ “	“	9.38	03g	4	“	14
429	29.6	+ 0 19	9.0	9.64	02	3	1	14

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	2 29.6	+ 0 19	9.0	9.70	02g	3	1	08
83	29.7	+80 18	9.4	9.61	06	6	4	. .
481	29.7	−14 14	8.3	8.74	02	6	5	. .
471	29.8	+34 17	7.3	6.68	02	6	3	08
483	29.8	−13 11	8.8	9.03	02	6	5	. .
. .	29.9	+80 48	. .	12.74	06	6	4	. .
669	29.9	+55 19	8.8	8.57	04	1	25	34
. .	29.9	+33 48	. .	10.51	02	6	3	. .
. .	30.0	+33 50	. .	12.38	02	12	3	. .
472	30.2	+34 19	9.0	9.82	02	6	3	. .
474	30.3	+35 6	8.9	9.11	01	29	23	*09*
“	“	“ “	“	9.29	02	3	1	*27*
“	“	“ “	“	9.19	05	3	23	*17*
“	“	“ “	“	9.19	05b	3	“	*17*
417	30.5	+ 4 15	9.5	10.62	02	3	9	. .
447	30.5	+ 2 10	9.3	10.20	02	3	9	. .
468	30.6	+33 43	9.2	9.44	02	6	3	. .
398	30.6	+ 6 25	6.5	5.96	09b	6	19	*04*
515	30.7	+38 18	6.2	5.90	08b	3	12	04
“	“	“ “	“	5.92	08c	3	“	02
. .	30.8	+80 41	. .	12.54	06	6	4	. .
84	31.0	+80 33	9.5	10.35	06	6	4	. .
340	31.0	+65 2	8.5	9.15	10	6	1	00
. .	31.0	+33 56	. .	11.73	02	6	3	. .
. .	31.0	+33 52	. .	12.48	02	12	3	. .
. .	31.0	+33 47	. .	11.51	02	6	3	. .
516	31.1	+35 15	9.2	9.01	01	29	23	01
“	“	“ “	“	8.57	01g	1	“	45
“	“	“ “	“	9.15	02	3	1	*13*
“	“	“ “	“	9.07	05	3	23	*05*
“	“	“ “	“	9.32	05b	3	“	*30*
473	31.1	+32 27	6.5	6.71	02g	2	3	*42*
“	“	“ “	“	6.15	08b	3	12	14
“	“	“ “	“	6.33	08c	3	“	*04*
. .	31.3	+33 34	. .	10.96	02	6	3	. .
471	31.4	+33 47	9.5	9.71	02	6	3	. .
. .	31.4	+33 38	. .	10.20	02	6	3	. .
85	31.5	+80 26	9.0	9.32	06	6	4	. .
561	31.5	+40 20	9.0	8.82	03	3	1	38
“	“	“ “	“	9.12	03g	3	“	08
. .	31.5	+33 31	. .	12.34	02	7	3	. .
472	31.5	+33 28	9.5	11.03	02	6	3	. .
. .	31.6	+33 58	. .	12.14	02	6	3	. .
476	31.7	+34 44	7.5	7.67	02	3	1	00
591	31.9	+50 20	8.2	8.63	08	1	1	*16*
436	31.9	+20 59	8.8	9.23	00	6	23	*39*
“	“	“ “	“	8.91	01	6	“	*07*
“	“	“ “	“	8.78	01g	6	“	06
437	31.9	+20 44	8.5	8.75	01	1	25	. .
“	“	“ “	“	8.80	01g	1	“	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	2 32.1	+80 48	..	12.34	06	6	4	..	408	2 34.1	+ 2 21	9.5	9.99	02	3	9	..
588	32.1	+37 19	6.5	6.30	08b	3	12	*01*	..	34.2	+ 1 7	..	11.97	08	2	8	..
"	"	" "	"	6.11	08c	3	"	18	..	34.2	+ 1 6	..	11.93	08	2	8	..
..	32.1	+33 49	..	11.35	02	6	3	..	..	34.3	+51 22	..	10.09	01	3	23	..
..	32.2	+ 1 12	..	10.43	08	2	8	..	"	"	" "	"	10.14	01g	2	"	..
591	32.3	+37 40	6.5	6.37	08b	3	12	*11*	"	"	" "	"	10.05	01h	2	"	..
"	"	" "	"	6.09	08c	3	"	17	*602*	34.3	+51 5	9.0	9.58	01	6	23	*60*
..	32.4	+80 47	..	12.74	06	8	4	..	"	"	" "	"	9.52	01g	6	"	*54*
595	32.4	+50 21	8.9	9.16	08	3	1	16	509	34.4	+41 41	9.5	9.62	09	4	7	..
476	32.5	+33 56	8.0	8.10	02	6	3	..	406	34.4	− 0 6	3.7	4.20	03b	3	13	*16*
284	32.7	+65 12	8.2	8.82	10	5	7	*02*	"	"	" "	"	3.94	03c	4	"	10
436	32.7	+ 1 11	9.5	10.05	08	2	8	..	573	34.6	+42 29	9.0	9.32	03	6	16	..
733	32.8	+50 5	8.9	9.34	08	4	1	03	423	34.6	+ 4 14	9.5	11.26	02	4	9	..
565	33.0	+42 23	8.5	8.53	03	6	16	..	575	34.7	+42 33	9.5	10.24	03	6	16	..
460	33.0	+ 1 16	9.5	10.14	02	3	9	..	578	34.8	+42 15	8.7	9.10	03	6	16	..
..	33.0	+ 1 1	..	11.41	08	2	8	..	579	34.9	+42 18	9.5	10.21	03	6	16	..
..	33.1	+41 47	..	10.65	09	4	7	..	..	34.9	+ 1 9	..	12.43	08	2	8	..
..	33.3	+41 44	..	11.97	05	6	7	..	582	35.0	+42 25	9.3	9.98	03	6	16	..
438	33.3	+ 0 32	9.5	10.46	02	3	9	..	..	35.1	+42 31	..	11.76	03	6	16	..
502	33.4	+41 55	9.4	9.74	05	6	7	..	*514*	35.1	+42 10	8.0	8.62	03	6	16	*54*
"	"	" "	"	9.66	09	4	"	..	..	35.2	+42 29	..	13.34	03	6	16	..
..	33.4	+41 51	..	12.06	05	6	7	..	583	35.2	+42 27	9.4	9.96	03	6	16	..
503	33.4	+41 35	9.4	9.62	09	4	7	..	"	"	" "	"	10.25	03gr	5	"	..
405	33.4	+ 6 31	8.5	8.84	09	1	19	..	1009	35.3	−23 13	9.0	10.06	08	2	3	..
"	"	" "	"	9.05	09b	4	"	..	"	"	" "	"	10.40	09	2	"	..
406	33.4	+ 3 1	7.2	6.41	08b	3	12	*04*	..	35.4	+42 26	..	11.23	03	6	16	..
"	"	" "	"	6.50	08c	3	"	*13*	587	35.5	+42 35	7.8	8.13	03	6	16	..
..	33.5	+41 41	..	11.86	05	6	7	..	610	35.6	+50 13	8.2	8.98	08	4	1	04
..	33.6	+41 56	..	11.27	05	6	7	..	*609*	35.6	+40 6	8.8	9.59	09	3	1	*22*
..	33.6	+41 44	..	11.57	09r	4	7	..	..	35.8	+42 30	..	12.94	03	6	16	..
..	33.6	+41 44	..	10.88	09	4	7	..	..	35.8	+42 29	..	12.76	03	6	16	..
286	33.7	+65 27	9.1	9.51	10	4	7	..	593	35.8	+42 24	9.0	9.44	03	6	16	..
439	33.7	+ 1 6	9.5	10.85	08	2	8	..	*748*	35.9	+50 2	8.2	8.94	08	4	1	*17*
..	33.8	+80 36	..	11.01	06	6	4	..	610	35.9	+39 46	4.9	4.59	04b	2	13	40
505	33.8	+41 51	9.5	10.41	05	6	7	..	"	"	" "	"	4.90	04c	2	"	09
"	"	" "	"	10.32	09	4	"	..	"	"	" "	"	4.87	05c	1	"	12
686	33.9	+56 18	9.1	9.85	06	10	24	..	"	"	" "	"	4.88	05d	1	"	11
"	"	" "	"	10.11	06b	2	"	..	*1014*	35.9	−22 57	9.4	10.61	08	1	25	..
368	33.9	+ 3 14	9.0	9.25	02	3	9	..	681	36.0	+47 56	8.0	8.36	10	4	7	..
506	34.0	+41 46	9.5	9.90	05	12	7	..	460	36.1	−22 0	8.0	8.27	08	1	3	..
"	"	" "	"	9.79	09	5	"	..	"	"	" "	"	8.38	09	3	"	..
507	34.0	+42 4	9.0	9.23	05	6	7	..	1017	36.2	−23 14	8.8	9.40	08	2	3	..
"	"	" "	"	8.90	06	2	17	..	"	"	" "	"	9.95	09	4	"	..
"	"	" "	"	8.90	06b	2	"	..	683	36.3	+47 51	6.7	6.36	08b	3	12	20
"	"	" "	"	9.16	07	4	"	..	"	"	" "	"	6.37	08c	3	"	19
"	"	" "	"	9.23	07b	4	"	..	..	36.3	+ 1 7	..	10.82	08	2	8	..
"	"	" "	"	9.10	09	4	7	..	461	36.3	−22 21	8.5	8.21	08	1	3	..
508	34.0	+41 51	9.2	9.56	05	6	7	..	"	"	" "	"	8.37	09	3	"	..
..	34.0	+41 49	..	11.80	05	6	7	..	1020	36.3	−23 23	8.9	9.68	08	1	3	*11*
"	"	" "	"	11.56	09	4	"	..	"	"	" "	"	9.99	09	3	"	*42*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
613	2 36.7	+51 7	8.4	8.89	01	6	23	*05*	*569*	2 38.2	+45 10	8.0	8.06	08	3	18	06
“	“	“ “	“	8.74	01g	6	“	10	“	“	“ “	“	8.19	08b	3	“	*07*
446	36.7	+ 1 5	9.4	10.32	08	2	8	..	..	38.3	+47 44	..	13.03	10	4	7	..
..	36.8	+50 59	..	10.56	01r	4	23	..	..	38.4	+47 36	..	9.97	10	4	7	..
“	“	“ “	“	10.69	01gr	4	“	..	..	38.6	+47 38	..	11.61	10	4	7	..
“	“	“ “	“	10.97	09	4	“	..	*433*	38.6	+ 5 9	9.0	9.55	01	1	1	*09*
“	“	“ “	“	11.34	10	2	“	..	“	“	“ “	“	9.58	01g	1	“	*12*
753	36.8	+50 10	8.8	9.51	08	4	1	01	“	“	“ “	“	9.49	02	2	“	*03*
421	36.8	− 3 39	6.3	6.28	08b	3	12	*17*	“	“	“ “	“	9.52	02g	2	“	*06*
“	“	“ “	“	6.24	08c	3	“	*13*	..	38.7	+47 42	..	11.60	10	4	7	..
..	36.8	−22 51	..	11.65	08	1	3	..	..	38.7	+47 39	..	10.53	10	4	7	..
“	“	“ “	“	11.53	09	3	“	..	426	38.7	+17 21	6.5	6.51	08b	3	12	*04*
575	36.9	+40 14	9.0	9.19	03	3	1	13	“	“	“ “	“	6.48	08c	3	“	*01*
“	“	“ “	“	9.54	03g	3	“	*22*	290	38.8	+65 26	8.9	9.37	10	4	7	..
“	“	“ “	“	9.44	09	3	1	*12*	291	38.8	+65 19	8.7	9.13	10	5	7	*28*
429	37.0	+ 4 36	9.0	9.63	02	3	9	..	*691*	38.9	+48 6	9.1	9.93	10	4	7	..
417	37.2	+ 2 23	9.5	11.46	02r	2	9	..	..	38.9	+47 38	..	12.29	10	4	7	..
“	“	“ “	“	11.54	02g	2	“	..	..	39.1	+47 41	..	12.34	10	4	7	..
1028	37.3	−23 7	9.6	10.75	08	1	3	..	452	39.2	+ 0 34	9.5	10.49	01	1	9	..
“	“	“ “	“	10.78	09	3	“	..	“	“	“ “	“	10.48	02	2	“	..
746	37.4	+48 48	4.2	4.23	04b	2	13	*01*	*453*	39.3	+ 1 5	8.8	9.24	08	2	8	*10*
“	“	“ “	“	4.18	04c	2	“	04	519	39.4	−14 17	4.0	4.33	03b	3	13	06
“	“	“ “	“	4.14	05c	1	“	08	“	“	“ “	“	4.00	03c	3	“	39
376	37.5	+ 3 38	9.3	10.76	02r	2	9	..	359	39.5	+ 9 42	4.0	4.22	04b	3	13	14
“	“	“ “	“	10.94	02g	2	“	..	“	“	“ “	“	4.45	04c	3	“	*09*
686	37.6	+47 56	9.3	9.60	10	4	7	..	..	39.6	+48 42	..	11.34	01r	4	23	..
424	37.6	+27 17	5.0	4.78	04b	3	8	*20*	“	“	“ “	“	11.27	01g	4	“	..
“	“	“ “	“	4.75	04c	3	“	*17*	*628*	39.6	+40 10	7.8	7.66	09	2	1	*14*
447	37.6	+ 1 2	9.5	11.12	08	2	8	..	429	39.6	+17 20	9.4	10.74	02	6	4	..
1032	37.7	−23 4	9.4	10.20	08	2	3	..	769	40.1	+49 54	9.5	10.91	09	2	25	..
“	“	“ “	“	10.52	09	3	“	..	756	40.2	+48 41	8.6	8.91	01	2	25	..
581	37.8	+40 21	9.0	9.58	03	3	1	04	“	“	“ “	“	8.81	01g	2	“	..
“	“	“ “	“	10.01	03g	3	“	*39*	342	40.2	+16 36	7.8	7.30	02	6	4	..
“	“	“ “	“	9.69	09	3	“	*07*	*455*	40.2	+ 1 3	9.0	9.18	08	2	8	*04*
916	37.8	−22 49	9.7	11.37	08	1	3	..	593	40.4	+40 12	8.2	8.64	09	1	1	*17*
“	“	“ “	“	11.21	09	3	“	..	481	40.4	+ 1 42	9.5	10.75	01	1	9	..
755	37.9	+49 48	8.7	8.58	01	6	23	06	“	“	“ “	“	10.82	02	2	“	..
“	“	“ “	“	8.66	01g	6	“	*02*	695	40.5	+47 40	8.9	9.56	10	4	7	..
431	38.0	+ 5 4	9.2	9.51	02	1	25	..	518	40.5	−19 0	4.0	4.62	03b	3	13	*01*
“	“	“ “	“	9.62	02g	1	“	..	“	“	“ “	“	4.82	03c	3	“	*21*
1033	38.0	−23 4	10	11.40	08	2	3	..	294	40.6	+65 18	9.3	9.92	10	4	7	..
“	“	“ “	“	11.48	09	3	“	..	757	40.6	+48 40	8.2	8.05	01	6	23	*07*
422	38.1	+ 2 49	3.5	3.87	01i	1	1	*29*	“	“	“ “	“	8.01	01g	6	“	*03*
“	“	“ “	“	3.74	02i	2	“	*16*	*627*	40.8	+43 9	9.2	9.45	01	6	23	*18*
“	“	“ “	“	3.30	04c	4	13	28	“	“	“ “	“	9.42	01g	6	“	*15*
“	“	“ “	“	3.55	04d	2	“	03	458	41.5	+0 44	9.5	10.57	01	1	9	..
472	38.1	+ 1 36	9.3	9.83	01	1	9	..	“	“	“ “	“	10.20	02	2	“	..
“	“	“ “	“	9.56	02	2	“	..	699	41.6	+47 38	8.0	9.03	10	4	7	..
688	38.2	+47 49	9.5	10.88	10	4	7	..	441	41.6	+ 4 36	9.3	9.84	01	1	9	..
..	38.2	+47 45	..	11.20	10	4	7	..	“	“	“ “	“	9.59	02	2	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
715	2 41.7	+56 27	9.4	9.56	02	6	4	. .
382	41.7	+ 3 30	9.3	11.04	01	1	9	. .
“	“	“ “	“	10.51	02	2	“	. .
345	41.8	+16 53	8.6	8.60	02	6	4	*26*
346	41.8	+16 48	8.7	8.55	02	6	4	*24*
717	41.9	+56 37	7.6	6.94	02	6	4	. .
638	41.9	+46 32	8.7	8.46	01	6	23	21
“	“	“ “	“	8.60	01g	6	“	07
347	41.9	+17 6	9.5	10.72	02	12	4	. .
709	42.0	+56 9	8.3	8.68	02	6	4	. .
462	42.0	+28 50	5.2	4.49	04b	3	13	13
“	“	“ “	“	4.63	04c	3	“	*01*
439	42.0	+17 18	9.3	10.03	02	6	4	. .
. .	42.1	+48 29	. .	11.18	01	4	25	. .
348	42.1	+16 53	8.8	8.97	02	6	4	17
718	42.2	+56 40	6.5	6.10	08b	3	12	43
“	“	“ “	“	6.31	08c	3	“	22
479	42.2	−22 4	6.6	6.78	08b	3	12	*29*
“	“	“ “	“	6.98	08c	3	“	*49*
440	42.3	+17 12	8.9	9.45	02	6	4	*28*
431	42.3	+ 2 41	9.5	10.68	01	1	9	. .
“	“	“ “	“	10.36	02	2	“	. .
460	42.5	+ 0 15	8.8	9.41	01	1	1	02
“	“	“ “	“	9.43	01g	1	1	00
“	“	“ “	“	9.16	02	2	“	27
“	“	“ “	“	9.22	02g	2	“	21
475	42.7	+62 24	8.5	9.30	10	4	7	. .
350	42.7	+17 0	9.5	9.50	02	12	4	. .
721	42.8	+56 15	8.9	9.12	02	6	4	. .
722	42.8	+56 39	9.5	10.69	02	12	4	. .
639	42.8	+40 5	9.1	8.95	09	6	1	37
“	“	“ “	“	9.11	10	4	1	21
489	42.9	+61 58	7.8	7.78	10	2	19	. .
“	“	“ “	“	7.90	10b	2	“	. .
723	42.9	+56 12	9.0	9.45	02	6	4	. .
662	42.9	+46 0	8.3	8.12	01	7	23	13
“	“	“ “	“	8.11	01g	6	“	14
353	42.9	+16 41	8.8	8.88	02	6	4	06
200	43.0	+68 28	6.5	6.13	08b	3	12	10
“	“	“ “	“	6.21	08c	3	“	02
642	43.0	+40 4	7.8	8.14	09	3	1	*17*
477	43.1	+62 18	9.5	10.16	10	4	7	. .
566	43.2	+36 54	6.5	6.52	08b	3	12	*07*
“	“	“ “	“	6.38	08c	3	“	07
725	43.4	+56 35	9.0	9.22	02	6	4	. .
714	43.4	+55 29	3.5	4.11	04c	3	13	*18*
“	“	“ “	“	4.14	04d	3	“	*21*
726	43.5	+56 22	9.5	10.27	02	12	4	. .
637	43.5	+42 22	9.0	9.22	01	6	23	*06*
“	“	“ “	“	9.08	01g	6	“	08
	h. m.	° ′						
89	2 44.0	+80 39	8.0	8.06	06	9	1	*09*
478	44.0	+62 26	9.3	10.04	10	4	7	. .
471	44.1	+26 51	3.7	3.58	04c	3	13	10
“	“	“ “	“	3.76	04d	3	“	*08*
651	44.2	+57 53	6.2	6.44	08b	3	12	*17*
“	“	“ “	“	6.45	08c	3	“	*18*
646	44.2	+37 55	4.8	4.10	04c	2	13	17
“	“	“ “	“	4.48	04d	2	“	*21*
“	“	“ “	“	4.33	05c	1	“	*06*
“	“	“ “	“	4.43	05d	1	“	*16*
. .	44.3	+42 59	. .	9.81	01r	6	23	. .
“	“	“ “	“	9.79	01g	6	“	. .
728	44.4	+56 38	8.5	8.48	02	6	4	. .
390	44.5	+ 3 22	9.5	11.33	01	1	9	. .
“	“	“ “	“	10.96	02	2	“	. .
493	44.5	+ 1 30	9.3	10.65	01	1	9	. .
“	“	“ “	“	10.22	02	2	“	. .
481	44.6	+62 19	9.3	9.79	10	4	7	. .
731	44.8	+56 31	9.5	10.18	06	7	24	. .
“	“	“ “	“	10.22	06b	2	“	. .
90	45.0	+80 15	8.3	8.39	06	9	1	06
87	45.0	+80 0	8.8	9.09	06	9	1	12
732	45.1	+56 50	8.0	8.28	02	6	4	. .
451	45.1	+ 4 17	9.5	10.61	01	1	9	. .
“	“	“ “	“	10.43	02	2	“	. .
733	45.2	+57 3	9.3	9.89	02	6	4	. .
649	45.3	+46 29	9.4	9.77	01	6	23	. .
“	“	“ “	“	9.74	01g	6	“	. .
527	45.4	+34 39	4.2	4.40	04b	2	13	27
. .	“	“ “	“	4.61	04c	2	“	06
“	“	“ “	“	4.68	05c	1	“	*01*
“	“	“ “	“	4.65	05d	1	“	02
472	45.6	+ 0 20	9.5	12.03	01	1	9	. .
“	“	“ “	“	11.62	02	2	“	. .
482	45.7	+62 27	8.5	9.44	10	4	7	. .
. .	45.7	+45 59	. .	9.92	01r	6	23	. .
“	“	“ “	“	9.95	01g	5	“	. .
640	45.8	+52 35	7.0	6.36	08b	3	12	06
“	“	“ “	“	6.24	08c	3	“	18
616	45.8	+40 16	9.0	9.48	09	3	1	*16*
“	“	“ “	“	9.45	10	4	1	*13*
723	46.5	+48 9	6.7	6.21	08b	3	12	30
“	“	“ “	“	6.35	08c	3	“	16
509	46.5	−21 25	5.0	4.70	03b	3	13	11
“	“	“ “	“	4.99	03c	3	“	*18*
618	47.0	+40 15	8.8	9.50	09	3	1	02
“	“	“ “	“	9.51	10	4	1	01
453	47.0	+ 5 6	8.2	8.24	01	2	1	*03*
“	“	“ “	“	8.24	01g	2	“	*03*
“	“	“ “	“	8.02	02	2	“	19

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	2 47.0	+ 5 6	8.2	7.96	02g	2	1	25
441	47.1	+ 2 40	9.5	11.89	01r	1	9	. .
"	"	" "	"	11.16	02	2	"	. .
641	47.2	+52 21	4.2	3.84	04b	2	13	22
"	"	" "	"	3.97	04c	3	"	09
"	"	" "	"	3.94	04d	1	"	12
661	47.8	+40 10	8.3	9.07	09	3	1	10
"	"	" "	"	9.12	10	4	"	05
369	48.1	+63 55	6.5	6.11	08b	3	12	46
"	"	" "	"	6.49	08c	3	"	08
461	48.2	+31 3	9.4	10.43	09	4	23	. .
402	48.4	+ 3 32	9.5	11.34	01r	1	9	. .
"	"	" "	"	10.64	02	2	"	. .
457	48.6	+ 4 24	9.4	10.32	01	1	9	. .
"	"	" "	"	10.08	02	2	"	. .
216	48.8	+70 13	8.3	8.40	09	3	1	19
503	49.1	−22 47	6.3	6.48	08b	3	12	*42*
"	"	" "	"	6.26	08c	3	"	*20*
479	49.6	+ 0 31	9.5	10.97	01	1	9	. .
"	"	" "	"	11.00	02	2	"	. .
511	49.8	+ 1 15	9.5	11.11	01	1	9	. .
"	"	" "	"	10.64	02	2	"	. .
727	50.1	+55 15	9.0	8.96	04	1	25	*10*
454	50.8	+ 0 7	8.6	8.96	08	3	18	*38*
"	"	" "	"	9.16	08b	3	"	*58*
453	50.9	+ 2 49	9.3	R	01	1	9	. .
"	"	" "	"	9.54	02	2	"	. .
606	51.5	+60 12	9.1	9.41	10	3	1	*15*
"	"	" "	"	9.70	10b	2	"	*44*
598	51.5	+38 39	8.0	8.88	09	4	7	. .
553	51.5	− 9 18	3.7	4.08	03b	2	13	*03*
"	"	" "	"	4.00	03c	3	"	05
"	"	" "	"	4.18	03d	1	"	*13*
410	51.8	+ 4 5	6.8	6.00	01g	2	1	31
"	"	" "	"	6.40	02g	1	"	*09*
"	"	" "	"	6.90	01i	1	"	*59*
"	"	" "	"	5.94	08b	3	12	37
"	"	" "	"	6.17	08c	3	"	14
732	52.1	+55 15	9.5	9.69	04	1	25	. .
814	52.1	+49 7	8.5	8.39	10	3	19	. .
"	"	" "	"	8.92	10b	1	"	. .
600	52.1	+39 5	8.5	8.84	09	4	7	. .
601	52.3	+38 23	8.4	8.48	09	4	7	. .
681	52.4	+39 16	5.1	5.02	04b	2	13	*40*
"	"	" "	"	4.72	04c	2	"	*10*
"	"	" "	"	4.67	05c	1	"	*05*
"	"	" "	"	4.51	05d	1	"	11
603	52.5	+38 27	9.3	10.88	09r	3	7	. .
550	52.9	+34 47	5.4	5.04	04b	2	13	*07*
"	"	" "	"	5.38	04c	2	"	*41*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	2 52.9	+34 47	5.4	4.99	05c	1	13	*02*
"	"	" "	"	5.02	05d	1	"	*05*
474	52.9	+ 4 31	9.5	10.42	01	2	9	. .
"	"	" "	"	10.39	02	1	"	. .
90	53.0	+80 1	8.8	8.83	06	9	1	*30*
640	53.3	+40 18	9.0	9.72	10	8	1	*25*
. .	53.5	+38 52	. .	11.86	09	2	7	. .
484	53.5 53.5	+20 56 +20 56	4.2	4.68	04b	3	13	*04*
"	"	" "	"	4.57	04c	3	"	07
604	53.7	+39 8	9.1	9.31	09	1	25	. .
605	53.7	+39 1	9.1	10.02	09	3	7	. .
607	53.9	+39 2	9.0	9.89	09	4	7	. .
489	54.0	+ 0 15	9.3	10.40	01	2	9	. .
"	"	" "	"	10.24	02	1	"	. .
219	54.2	+70 16	8.1	8.50	09	3	1	*06*
519	54.2	+ 1 21	9.3	10.34	01	2	9	. .
"	"	" "	"	9.95	02	1	"	. .
491	54.3	+ 0 16	9.0	10.10	01	2	1	*52*
"	"	" "	"	10.33	01g	1	"	*75*
"	"	" "	"	9.62	02	2	"	*04*
"	"	" "	"	9.66	02g	2	"	*08*
455	54.4	+ 8 31	4.8	4.88	04b	3	13	*19*
"	"	" "	"	4.69	04c	3	"	00
417	54.4	+ 3 43	9.5	10.68	01	2	9	. .
"	"	" "	"	10.40	02	1	"	. .
687	54.5	+40 2	7.3	8.06	10	4	1	*24*
610	54.5	+38 57	9.5	11.34	09	4	7	. .
612	54.5	+39 8	8.6	8.73	09	1	7	. .
644	54.8	+40 25	7.5	6.96	10	4	1	31
478	54.8	+30 21	9.1	9.28	01	6	23	*16*
"	"	" "	"	9.25	01g	6	"	*13*
693	55.2	+39 58	7.7	8.64	10	4	1	*17*
461	55.2	+ 2 30	9.5	9.85	01	3	9	. .
513	55.9	+61 21	6.7	6.45	10	2	19	22
"	"	" "	"	6.56	10b	2	"	11
478	55.9	− 3 17	6.8	6.20	08b	3	12	14
"	"	" "	"	6.29	08c	3	"	05
477	56.0	+26 4	5.6	5.97	08b	3	19	*06*
"	"	" "	"	5.80	08c	3	"	11
195	56.1	+70 10	9.3	9.74	09	3	1	*10*
619	56.2	+38 19	9.4	10.29	10	4	20	. .
512	56.2	+30 5	9.0	9.22	01	2	25	*01*
"	"	" "	"	9.16	01g	2	. .	05
221	56.3	+70 12	9.3	9.80	09	3	1	*16*
485	56.7	+ 4 57	7.0	6.57	01	2	1	*19*
"	"	" "	"	6.20	01g	2	"	18
"	"	" "	"	6.85	01gi	1	"	*47*
500	56.8	+ 0 21	9.5	11.05	01	3	9	. .
419	57.1	+ 3 42	2.5	2.66	01i	3	1	16

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
A	2	57.1	+ 3	42	2.5	2.75	01gi	3	1	07
“		“	“	“	“	2.88	04c	3	13	*06*
“		“	“	“	“	2.89	04d	3	“	*07*
420		57.1	+ 3	58	7.3	5.73	01	1	1	*10*
“		“	“	“	“	5.85	01g	1	“	*22*
“		“	“	“	“	6.27	01i	3	“	*64*
623		57.2	+38	38	9.2	10.19	10	4	20	..
537		57.2	− 6	53	6.3	6.42	08b	3	12	*16*
“		“	“	“	“	6.31	08c	3	“	*05*
654		57.6	+53	7	3.2	2.94	04c	3	13	14
“		“	“	“	“	2.97	04d	3	“	11
“		“	“	“	“	2.90	05c	1	“	18
“		“	“	“	“	2.73	05d	1	“	35
468		57.6	+27	53	6.5	6.30	08b	3	12	04
“		“	“	“	“	6.48	08c	3	“	*14*
589		57.6	−14	39	8.6	9.40	05	3	1	11
“		“	“	“	“	9.64	05b	3	“	*13*
“		“	“	“	“	9.65	07	3	“	*14*
“		“	“	“	“	9.59	07b	3	“	*08*
695		57.7	+38	8	9.4	10.54	10	4	20	..
625		57.8	+38	33	9.4	10.42	10	4	20	..
532		57.8	−15	40	8.0	8.70	05	6	11	..
242		57.9	+67	1	7.8	7.75	09	4	7	..
487		57.9	+ 4	31	9.5	11.04	01	3	9	..
243		58.0	+67	21	9.1	9.45	09	3	7	..
699		58.0	+39	54	6.8	6.81	10	4	1	51
626		58.0	+38	21	9.3	10.36	10	4	20	..
408		58.0	+10	18	8.4	8.31	01	3	1	*04*
469		58.0	+ 2	31	9.5	10.71	01	3	9	..
1387		58.0	−24	1	4.1	3.69	03b	1	13	47
“		“	“	“	“	3.53	03c	3	“	63
“		“	“	“	“	4.01	03d	1	“	15
196		58.1	+69	51	7.8	8.28	09	3	1	*04*
593		58.1	−14	48	8.9	9.27	05	3	1	09
“		“	“	“	“	9.33	05b	3	“	03
“		“	“	“	“	9.15	07	3	“	21
“		“	“	“	“	9.21	07b	3	“	15
488		58.3	+ 4	57	8.7	8.80	01	3	1	20
“		“	“	“	“	9.00	01g	3	“	00
424		58.6	+ 3	16	9.5	10.67	01	3	9	..
532		58.6	+ 1	15	9.5	10.25	01	3	9	..
663		58.8	+40	44	7.3	7.56	10	4	19	*38*
505		58.8	+15	3	9.5	10.73	05	6	11	..
507		58.8	+14	27	9.4	9.89	05	6	11	..
534		59.0	−15	25	9.8	11.30	05	6	11	..
703		59.1	+40	4	9.3	10.12	10	4	20	..
..		59.1	+38	35	..	10.56	10	4	20	..
535		59.1	−14	57	9.0	9.26	05	3	1	*11*
“		“	“	“	“	9.34	05b	3	“	*19*
“		“	“	“	“	9.21	07	3	“	*06*
A	2	59.1	−14	57	9.0	9.37	07b	3	1	*22*
631		59.2	+38	45	9.4	9.88	10	4	20	..
..		59.4	−14	58	..	11.57	05	6	11	..
534		59.5	+ 1	30	6.5	5.69	01	1	1	36
“		“	“	“	“	5.77	01g	1	“	28
“		“	“	“	“	6.84	01i	2	“	*79*
“		“	“	“	“	6.54	01gi	1	“	*49*
“		“	“	“	“	6.06	08b	3	12	*01*
“		“	“	“	“	6.09	08c	3	“	*04*
509		59.6	+14	12	9.0	9.15	05	6	11	..
412		59.6	+10	25	8.0	8.16	01	3	1	*14*
536		59.6	−14	52	9.5	10.67	05	9	1	*61*
“		“	“	“	“	10.48	05b	3	“	*42*
“		“	“	“	“	10.68	07	3	“	*62*
“		“	“	“	“	10.72	07b	3	“	*66*
537		59.6	−14	28	8.8	9.68	05	6	11	..
667		59.7	+40	30	9.5	10.54	10	4	20	..
519		59.7	+30	8	8.6	8.00	01	4	23	51
“		“	“	“	“	8.07	01g	4	“	44
739		59.9	+55	22	9.1	9.35	04	1	25	..
..	3	0.0	+14	57	..	11.99	05	6	11	..
..		0.1	−15	5	..	12.68	05	6	11	..
243		0.2	+67	6	9.2	9.76	09	4	7	..
244		0.2	+66	32	8.0	8.00	09	4	7	..
634		0.2	+38	14	8.5	8.63	10	4	20	..
..		0.2	+14	58	..	13.53	05	6	11	..
..		0.2	−14	53	..	11.80	05	6	11	..
668		0.3	+41	3	9.1	9.25	10	4	20	..
538		0.3	+ 1	45	9.1	9.52	01	1	25	..
..		0.4	+14	56	..	12.53	05	6	11	..
598		0.4	−14	47	8.2	8.29	05	3	1	*08*
“		“	“	“	“	7.92	05b	3	“	29
“		“	“	“	“	8.21	07	3	“	00
“		“	“	“	“	8.07	07b	3	“	14
..		0.5	+14	57	..	12.71	05	6	11	..
..		0.5	−14	53	..	12.89	05	6	11	..
..		0.6	+14	56	..	13.04	05	6	11	..
430		0.7	+ 3	41	9.2	9.95	01	3	9	*25*
..		0.7	−14	56	..	12.37	05	6	11	..
712		0.8	+39	49	8.0	8.66	10	4	19	*13*
681		0.9	+51	50	6.8	6.20	08b	3	12	*03*
“		“	“	“	“	6.34	08c	3	“	*17*
168		1.0	+74	1	5.2	4.75	05b	3	13	14
“		“	“	“	“	4.79	05c	3	“	10
246		1.0	+67	59	8.8	8.74	09	4	7	..
510		1.0	+14	58	9.5	10.78	05	10	11	..
“		“	“	“	“	10.80	05b	2	“	..
“		“	“	“	“	11.06	07	4	“	..
“		“	“	“	“	11.26	07b	2	“	..
639		1.1	+38	50	8.6	9.01	10	4	20	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
511	3	1.1	+14	23	8.6	9.00	05	6	11	..	*487*	3	3.9	+ 7	4	8.5	7.55	10	8	25	..
641		1.2	+38	13	9.1	9.78	10	4	20	..	487		3.9	+ 2	29	8.5	8.37	01r	1	25	..
671		1.3	+40	41	8.8	8.95	10	4	20	..	*530*		4.1	+ 1	4	8.9	9.22	08	2	8	*03*
544		1.3	+ 1	48	9.5	11.51	01	3	9	..	480		4.2	+27	27	6.5	6.36	08b	3	12	02
539		1.3	−15	1	9.2	10.01	05	6	11	..	"		"	"	"	"	6.31	08c	3	"	07
617		1.6	+41	13	7.8	8.26	10	4	19	*39*	499		4.2	+ 4	51	9.3	9.38	01	2	25	..
513		1.7	+14	49	8.0	8.23	05	6	11	..	438		4.3	+15	17	8.6	8.67	01	3	1	42
857		1.8	+49	14	4.3	4.27	04b	2	13	*10*	"		"	"	"	"	8.65	05	3	1	44
"		"	"	"	"	4.16	04c	2	"	01	"		"	"	"	"	8.84	05b	3	"	25
"		"	"	"	"	3.89	05c	1	"	28	"		"	"	"	"	8.75	07	3	"	34
"		"	"	"	"	4.09	05d	1	"	08	"		"	"	"	"	9.06	07b	3	"	03
"		"	"	"	"	3.82	10b	1	19	35	524		4.4	+14	59	9.0	9.18	02	6	4	..
520		1.8	+ 0	33	9.3	10.56	01	2	9	..	"		"	"	"	"	9.28	05	6	11	..
514		2.0	+15	6	9.3	9.93	05	6	11	..	..		4.4	+14	23	..	11.50	02	6	4	..
542		2.0	−15	15	9.7	10.52	05	6	11	..	..		4.5	+14	28	..	10.43	02	6	4	..
516		2.2	+14	17	8.7	9.42	05	6	11	..	96		4.7	+79	59	8.1	8.25	06	9	1	21
674		2.4	+40	16	9.1	10.38	10	4	20	..	724		4.8	+39	14	5.2	4.80	05b	2	13	02
675		2.5	+40	55	8.3	8.04	10	4	20	..	"		"	"	"	"	4.72	05c	3	"	10
495		2.5	+25	59	7.9	8.01	08	3	19	..	"		"	"	"	"	4.99	05d	1	"	*17*
"		"	"	"	"	8.30	08b	3	"	..	684		4.9	+40	48	7.8	8.26	10	4	R	01
522		2.5	+ 1	2	7.8	7.08	08	2	8	26	*532*		5.0	+ 1	4	9.2	11.20	08	2	8	..
414		2.6	+18	26	6.5	6.22	08b	3	12	26	..		5.1	+14	34	..	13.04	01	6	4	..
"		"	"	"	"	6.52	08c	3	"	*04*	..		5.1	+ 1	4	..	10.47	08	2	8	..
631		2.7	+44	29	4.5	4.00	04b	2	13	00	533		5.2	+ 0	44	9.3	10.72	01	3	9	..
"		"	"	"	"	3.84	04c	2	"	16	525		5.3	+14	46	9.3	9.79	01	12	4	..
"		"	"	"	"	3.91	05c	1	"	09	526		5.3	+14	58	8.7	8.63	01	1	4	..
"		"	"	"	"	4.07	05d	1	"	*07*	"		"	"	"	"	8.83	02	6	"	..
497		2.8	+25	13	8.0	8.24	08	3	1	12	..		5.3	+14	18	..	13.26	01	6	4	..
"		"	"	"	"	8.28	08b	3	"	08	233		5.5	+70	11	8.6	9.36	99	1	25	*57*
497		2.9	+ 5	9	9.1	9.40	01	4	1	01	779		5.5	+47	22	6.9	6.27	08b	3	12	15
"		"	"	"	"	9.55	01g	4	"	*14*	"		"	"	"	"	6.74	08c	3	"	*32*
498		3.0	+ 4	54	9.5	10.84	01	3	9	..	*631*		5.5	+42	1	6.5	6.30	08b	3	12	*30*
484		3.0	+ 2	28	9.5	11.72	01	3	9	..	"		"	"	"	"	6.10	08c	3	"	*10*
398		3.1	+10	4	8.8	9.57	01	3	1	*60*	..		5.5	+14	14	..	12.60	01	6	4	..
518		3.2	+14	59	7.8	7.99	01	3	1	15	443		5.7	+15	19	9.2	9.29	01	3	1	20
"		"	"	"	"	8.16	02	6	"	*02*	"		"	"	"	"	9.51	05	3	1	*02*
"		"	"	"	"	8.18	05	3	1	*04*	"		"	"	"	"	9.69	05b	3	"	*20*
"		"	"	"	"	8.00	05b	3	"	14	"		"	"	"	"	9.30	07	3	"	19
"		"	"	"	"	8.46	07	4	"	*32*	"		"	"	"	"	9.51	07b	3	"	*02*
"		"	"	"	"	8.12	07b	2	"	02	..		5.7	+14	28	..	13.08	01	6	4	..
478		3.3	+ 8	5	6.6	6.36	08	2	19	08	505		5.7	+ 4	22	9.5	10.85	01	3	9	..
"		"	"	"	"	6.38	08b	3	"	06	493		5.8	+ 2	32	9.5	11.29	01	3	9	..
"		"	"	"	"	6.32	08c	1	"	12	477		5.9	+19	21	4.2	4.13	04b	2	13	40
..		3.3	+ 1	3	..	12.11	08	2	8	..	"		"	"	"	"	4.44	04c	2	"	09
525		3.4	+ 1	2	9.5	10.97	08	2	8	..	..		6.1	+14	32	..	13.19	01	6	4	..
636		3.5	+60	15	7.0	7.35	08	3	18	*09*	..		6.1	+ 1	4	..	13.05	08	3	8	..
"		"	"	"	"	7.23	08b	3	"	03	1480		6.2	−24	7	6.6	6.86	08b	3	12	*43*
681		3.6	+40	25	8.9	10.07	10	4	20	..	"		"	"	"	"	6.99	08c	3	"	*56*
247		3.8	+67	2	8.3	8.22	09	4	7	..	782		6.4	+47	50	6.5	6.07	08b	3	12	*11*
486		3.9	+ 7	5	8.3	7.44	10	8	25	..	"		"	"	"	"	5.95	08c	3	"	01

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
562	3 6.4	+ 1 46	9.5	10.67	01	3	9	..
..	6.4	+ 1 1	..	11.20	08	2	8	..
705	6.5	+47 8	9.5	9.94	06	4	25	..
783	6.7	+47 27	9.0	9.00	06	6	24	..
"	"	" "	"	9.43	06b	2	"	..
587	6.7	−16 24	6.3	6.61	08b	3	12	*27*
"	"	" "	"	6.70	08c	3	"	*36*
533	6.8	+14 40	9.5	10.86	02	6	4	..
436	6.9	+ 3 21	9.2	9.61	01	3	9	..
..	6.9	+ 1 0	..	11.68	08	2	8	..
503	6.9	− 0 16	8.0	6.91	04	3	1	30
"	"	" "	"	7.05	04b	3	"	16
537	7.2	+ 0 14	8.9	9.59	01	3	1	19
"	"	" "	"	9.63	01g	3	"	15
651	7.5	+60 45	8.0	7.54	10	2	19	..
"	"	" "	"	8.02	10b	2	"	..
735	7.5	+40 8	8.8	9.09	10	4	1	13
..	7.5	+ 1 9	..	11.92	08	2	8	..
..	7.6	+ 1 5	..	11.63	08	2	8	..
..	7.6	+ 1 2	..	11.62	08	2	8	..
1177	7.8	−29 23	3.6	4.06	03b	2	13	*11*
"	"	" "	"	4.75	03c	3	"	*80*
540	8.0	+ 0 59	9.5	10.32	08	2	8	..
541	8.3	+ 1 4	8.4	8.39	08	3	8	40
638	8.4	+42 8	6.8	6.08	08b	3	12	08
"	"	" "	"	6.08	08c	3	"	08
415	8.5	+10 4	8.5	8.63	01	3	1	*21*
"	"	" "	"	8.39	08	3	1	03
"	"	" "	"	8.51	08b	3	"	*09*
450	8.6	+15 12	7.3	7.56	05	3	1	*22*
"	"	" "	"	7.41	05b	3	"	*07*
"	"	" "	"	7.44	07	3	"	*10*
"	"	" "	"	7.07	07b	3	"	27
565	8.7	+ 1 30	9.3	10.04	01	3	9	..
527	9.2	+20 40	4.5	4.96	04b	3	13	*01*
"	"	" "	"	5.01	04c	3	"	*06*
515	9.2	+ 4 34	9.5	10.66	01	1	25	..
515	9.3	+26 7	8.0	7.99	08	3	19	..
"	"	" "	"	8.08	08b	3	"	..
482	9.3	+ 8 37	7.8	7.92	08	3	19	..
"	"	" "	"	8.05	08b	3	"	..
516	9.3	+ 4 37	9.5	10.56	01	1	9	..
"	"	" "	"	10.64	01g	1	"	..
591	9.6	+32 29	6.5	6.26	08b	3	12	08
"	"	" "	"	6.30	08c	3	"	04
581	9.6	− 2 42	7.2	7.42	04	3	1	00
"	"	" "	"	7.46	04b	3	"	*04*
610	9.8	+34 19	6.5	6.10	08br	3	12	32
"	"	" "	"	6.34	08c	3	"	08
549	9.9	+ 0 39	9.5	10.15	01	3	9	..
	h. m.	° ′						
627	3 10.1	−14 49	7.5	8.01	08	3	18	*12*
"	"	" "	"	8.17	08b	3	"	*18*
449	10.2	+ 3 40	9.5	9.78	01	3	9	..
503	10.2	+ 2 37	9.3	9.62	01	3	9	..
576	10.5	+31 49	6.5	6.07	08b	3	12	*02*
"	"	" "	"	6.20	08c	3	"	*15*
..	10.6	+13 34	..	12.44	10	4	21	..
624	11.0	− 9 11	5.0	4.82	03b	2	13	08
"	"	" "	"	4.85	03c	3	"	05
..	"	" "	"	4.77	03d	1	"	13
459	11.1	+15 16	8.7	9.04	01	3	1	*20*
"	"	" "	"	8.99	05	3	1	*15*
"	"	" "	"	8.96	05b	3	"	*12*
"	"	" "	"	8.95	07	3	"	*11*
"	"	" "	"	9.13	07b	3	"	*29*
340	11.2	+65 17	4.5	4.88	05b	2	13	*12*
"	"	" "	"	4.80	05c	3	"	*04*
"	"	" "	"	4.78	05d	1	"	*02*
..	11.2	+13 32	..	12.01	10r	4	21	..
690	11.3	+38 56	6.5	5.96	08b	3	12	01
"	"	" "	"	6.00	08c	3	"	*03*
555	11.5	+61 24	9.0	8.97	01	6	25	03
"	"	" "	"	8.78	01g	6	"	22
545	11.6	+15 2	9.0	8.72	01	3	1	02
"	"	" "	"	8.58	08	3	18	16
"	"	" "	"	8.77	08b	3	"	*03*
"	"	" "	"	8.78	10	8	1	*04*
560	11.6	− 3 54	7.5	7.62	04	3	1	*14*
"	"	" "	"	7.60	04b	3	"	*12*
900	11.7	+49 24	7.5	7.88	10	3	19	02
"	"	" "	"	7.76	10b	1	"	14
534	11.8	+13 31	9.5	10.59	10	6	21	..
558	11.9	+ 1 3	8.6	8.88	08	1	8	*04*
561	12.1	− 4 30	7.5	7.44	04	3	1	*18*
"	"	" "	"	7.32	04b	3	"	*06*
619	12.5	+33 51	5.0	4.80	04b	1	13	12
"	"	" "	"	5.03	04c	1	"	*11*
"	"	" "	"	4.93	05b	2	"	*01*
"	"	" "	"	4.89	05c	3	"	03
"	"	" "	"	4.96	05d	1	"	*04*
751	12.6	+39 10	9.4	10.48	01	2	23	..
"	"	" "	"	10.58	01g	2	"	..
576	12.8	+ 1 14	9.5	10.21	01	3	9	..
755	13.2	+40 7	9.0	9.68	10	4	1	*21*
470	13.5	− 1 37	9.5	9.47	04	8	3	..
471	13.7	− 1 39	9.3	9.29	04	6	3	..
473	13.8	− 1 23	9.3	9.02	04	6	3	..
..	13.9	− 1 36	..	11.35	04	6	3	..
474	14.0	− 1 19	9.5	9.46	04	6	3	..
534	14.0	− 3 12	7.3	7.15	04	3	1	*05*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	3 14.0	− 3 12	7.3	7.11	04b	3	1	*01*	754	3 17.2	+45 56	9.0	8.51	09	4	7	..
518	14.1	+ 3 0	5.3	5.06	01	1	1	*10*	728	17.2	+40 15	8.5	8.46	10	4	1	31
“	“	“ “	“	4.99	01g	1	“	*03*	533	17.2	+ 2 24	9.5	10.56	01	3	9	..
“	“	“ “	“	5.36	01i	2	“	*40*	741	17.6	+46 20	9.5	9.64	09	4	7	..
“	“	“ “	“	4.83	04b	4	13	13	755	17.6	+45 15	9.4	9.26	09	3	1	21
“	“	“ “	“	5.15	04c	3	“	*19*	743	17.9	+46 25	9.3	9.88	09	4	7	..
564	14.1	+ 0 32	9.3	10.19	01	3	9	..	746	18.2	+46 10	9.4	9.70	09	4	7	..
520	14.2	+ 2 22	9.0	9.87	01	3	9	..	657	18.3	+53 35	6.3	6.48	08b	3	12	*09*
..	14.2	− 1 25	..	12.09	04	8	3	..	“	“	“ “	“	6.49	08c	3	“	*10*
516	14.3	+28 41	5.2	4.46	04b	3	13	26	758	18.4	+45 11	9.1	9.36	09	3	1	*04*
“	“	“ “	“	4.87	04c	3	“	*15*	532	18.4	+ 4 31	7.7	6.52	01g	2	1	*05*
526	14.5	+ 4 51	9.3	9.81	01	3	9	..	“	“	“ “	“	6.84	01i	1	“	*37*
458	14.6	+ 3 38	9.4	10.57	01	3	9	..	“	“	“ “	“	6.48	08b	3	12	*01*
893	14.7	+48 43	6.5	6.01	08b	3	12	16	“	“	“ “	“	6.41	08c	3	“	06
“	“	“ “	“	6.01	08c	3	“	16	643	18.4	− 8 9	6.5	6.40	08b	3	12	*12*
750	14.7	+42 58	5.4	5.00	04b	2	13	*02*	“	“	“ “	“	6.42	08c	3	“	*14*
“	“	“ “	“	4.99	04c	2	“	*01*	582	18.5	+ 0 23	9.0	9.23	01	3	9	..
“	“	“ “	“	5.01	05c	1	“	*03*	748	18.7	+46 41	8.8	8.78	09	4	7	..
“	“	“ “	“	5.00	05d	1	“	*02*	711	19.0	+43 56	9.5	10.19	06	6	4	..
..	14.9	− 1 43	..	11.66	04	6	3	..	764	19.2	+45 15	9.2	8.97	09	3	1	15
..	15.0	− 1 36	..	10.91	04	6	3	..	*782*	19.2	+40 7	8.8	8.81	10	4	1	*04*
..	15.0	− 1 40	..	11.91	04	6	3	..	469	19.2	+ 3 30	9.0	9.56	01	3	9	..
584	15.1	−22 7	4.0	4.26	03c	3	13	*31*	511	19.4	+ 8 41	3.8	3:58	04c	3	13	22
“	“	“ “	“	4.34	03d	2	“	*39*	“	“	“ “	“	3.90	04d	3	“	*10*
432	15.8	+10 17	8.2	8.64	01	3	1	*17*	533	19.5	+ 4 33	9.1	9.91	01	3	9	..
737	15.9	+46 18	9.5	10.19	09	4	7	..	716	19.8	+43 53	9.5	10.04	06	6	4	..
427	15.9	+ 9 18	7.8	7.83	08	3	19	..	*718*	19.8	+44 4	9.4	10.14	06	1	4	..
“	“	“ “	“	7.72	08b	3	“	..	*784*	19.8	+40 6	8.2	8.14	01	3	1	*07*
461	15.9	+ 3 19	6.3	5.64	01	1	1	12	“	“	“ “	“	8.27	10	4	“	*20*
“	“	“ “	“	6.36	01i	2	“	*60*	201	20.0	+71 31	6.5	6.29	08b	3	12	54
532	16.0	− 0 44	8.6	8.05	04	6	3	..	“	“	“ “	“	6.65	08c	3	“	18
572	16.1	+ 0 12	8.4	8.30	01	4	1	*17*	*719*	20.1	+44 0	9.1	9.30	06	6	4	..
“	“	“ “	“	8.08	01g	4	“	05	720	20.1	+43 18	7.6	7.46	02	6	5	..
477	16.1	− 0 54	8.6	8.36	04	6	3	..	“	“	“ “	“	6.68	10r	2	19	..
574	16.2	+ 1 8	9.0	9.88	08	1	8	*19*	“	“	“ “	“	7.10	10b	1	“	..
..	16.3	+46 18	..	11.10	09	4	7	..	748	20.1	+40 15	8.3	8.44	01	3	1	23
..	16.3	+46 1	..	10.84	09	4	7	..	..	20.1	−21 53	..	11.40	06	8	24	..
..	16.3	+45 57	..	10.34	09	4	7	..	*602*	20.3	−21 51	10	11.65	06	4	25	..
..	16.5	+46 7	..	11.84	09	4	7	..	725	20.7	+43 59	9.5	9.82	06	6	4	..
739	16.6	+46 31	9.2	9.60	07	4	17	..	920	20.9	+48 43	6.0	4.57	04b	1	13	37
“	“	“ “	“	9.81	07b	4	“	..	“	“	“ “	“	4.83	04c	1	“	11
“	“	“ “	“	9.34	09	4	7	..	“	“	“ “	“	5.07	05c	2	“	*13*
751	16.8	+45 11	8.5	8.27	09	3	1	10	“	“	“ “	“	5.10	05d	2	“	*16*
752	17.1	+45 10	8.4	8.56	09	3	1	*19*	*652*	20.9	+35 6	8.2	9.23	01	3	1	*11*
583	17.1	+ 1 26	9.5	10.24	01	3	9	..	660	21.0	+59 36	4.5	4.38	04b	2	13	04
917	17.2	+49 30	2.0	2.26	04c	1	13	*36*	“	“	“ “	“	4.34	04c	2	“	08
“	“	“ “	“	1.90	04d	2	“	00	“	“	“ “	“	4.35	05c	1	“	07
“	“	“ “	“	1.77	04e	1	“	13	“	“	“ “	“	4.36	05d	1	“	06
“	“	“ “	“	1.95	05c	1	“	*05*	..	21.0	+43 52	..	11.88	06	7	4	..
“	“	“ “	“	1.61	05d	1	“	29	..	21.0	+43 48	..	11.32	06	1	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	3 21.0	+43 45	..	11.70	06	8	4	..	760	3 22.5	+46 37	6.5	6.18	08b	3	12	02
728	21.2	+44 2	8.4	8.32	02	4	5	..	"	"	" "	"	6.29	08c	3	"	*09*
"	"	" "	"	8.05	06	6	4	..	*566*	22.7	+30 2	6.8	7.17	08	3	18	*11*
..	21.2	+43 45	..	11.70	06	8	4	..	"	"	" "	"	7.16	08b	3	"	*10*
729	21.3	+43 59	8.7	8.65	02	4	5	..	763	22.9	+40 16	8.0	8.18	01	3	1	04
"	"	" "	"	8.44	02g	2	"	..	..	23.0	+43 40	..	11.86	02	6	5	..
"	"	" "	"	8.48	06	6	4	..	..	23.0	+35 30	..	11.32	02	6	4	..
596	21.3	+ 1 13	9.5	10.29	01	3	9	..	"	"	" "	"	11.55	02g	3	"	..
589	21.3	+ 0 19	9.5	11.33	01	3	9	..	701	23.0	+35 20	9.1	9.50	02	5	4	..
..	21.4	+43 51	..	12.43	06	7	4	..	"	"	" "	"	9.51	02g	2	"	..
484	21.4	+18 25	6.5	6.73	08b	3	12	*28*	735	23.3	+43 38	9.5	10.31	02	6	5	..
"	"	" "	"	6.55	08c	3	"	*10*	..	23.4	+35 28	..	11.72	01	8	4	..
535	21.4	+ 5 9	8.7	9.38	01	3	1	*12*	..	23.4	+35 26	..	11.78	01	6	4	..
"	"	" "	"	9.25	01g	3	"	01	843	23.5	+47 39	4.8	4.33	04b	1	13	22
536	21.4	+ 4 42	9.5	11.07	01	3	9	..	"	"	" "	"	4.44	04c	1	"	11
473	21.4	+ 3 23	9.5	10.88	01	3	9	..	"	"	" "	"	4.50	05c	2	"	05
731	21.6	+43 38	9.1	9.32	06	6	4	..	"	"	" "	"	5.07	05d	2	"	*52*
509	21.6	+27 24	9.1	9.37	01	2	23	..	844	23.5	+47 46	7.0	5.75	08b	3	12	29
"	"	" "	"	9.10	01g	2	"	..	"	"	" "	"	5.68	08c	3	"	36
439	21.7	+ 9 23	4.0	3.85	04b	1	13	*10*	717	23.7	+44 30	8.5	8.59	02	6	5	..
"	"	" "	"	3.85	04c	4	"	*10*	772	23.7	+42 40	7.5	7.66	08	3	1	*14*
"	"	" "	"	3.62	04d	2	"	13	"	"	" "	"	7.55	08b	3	"	*03*
..	21.8	+43 53	..	11.22	06	7	4	..	..	23.7	+35 25	..	11.85	01	6	4	..
659	21.8	+34 57	8.3	8.82	02	6	4	*12*	..	23.9	+35 18	..	12.20	02	5	4	..
607	21.9	+58 32	5.0	4.56	04b	2	13	20	"	"	" "	"	12.22	02g	1	"	..
"	"	" "	"	4.54	04c	2	"	22	739	24.0	+43 38	9.0	9.13	02	6	5	..
"	"	" "	"	4.79	05c	1	"	*03*	..	24.0	+43 32	..	12.26	02	6	5	..
"	"	" "	"	4.84	05d	1	"	*08*	..	24.0	+43 30	..	12.60	02	2	5	..
..	21.9	+43 51	..	11.48	06	6	4	..	705	24.0	+35 27	9.3	10.02	02	5	4	..
733	21.9	+43 30	9.1	9.33	02	6	5	..	"	"	" "	"	10.22	02g	1	"	..
"	"	" "	"	9.20	06r	5	4	..	..	24.1	+43 36	..	12.92	02	7	5	..
545	21.9	+ 2 33	9.5	10.48	01	2	9	..	*178*	24.2	+73 0	6.7	6.68	08b	3	12	*27*
"	"	" "	"	10.04	02	1	"	..	"	"	" "	"	6.68	08c	3	"	*27*
608	22.2	+59 2	6.6	6.11	08b	3	12	*05*	..	24.2	+35 24	..	11.84	01	6	4	..
"	"	" "	"	6.13	08c	3	"	*07*	938	24.3	+48 51	6.5	6.31	08b	3	12	*02*
945	22.2	+49 10	5.3	4.77	04b	1	13	*10*	"	"	" "	"	6.30	08c	3	"	*01*
"	"	" "	"	4.59	04c	1	"	08	740	24.3	+43 52	8.8	8.92	08	3	18	..
"	"	" "	"	4.56	05c	2	"	11	"	"	" "	"	9.07	08b	3	"	..
"	"	" "	"	4.61	05d	1	"	06	..	24.4	+35 32	..	10.86	01	6	4	..
..	22.2	+35 32	..	10.04	01	12	4	..	707	24.4	+35 21	9.4	10.37	02	5	4	..
734	22.3	+43 50	9.5	10.46	06	8	4	..	"	"	" "	"	10.22	02g	1	"	..
762	22.3	+40 18	8.3	8.85	01	3	1	*13*	*942*	24.7	+49 4	7.0	6.19	08b	3	12	13
684	22.4	+55 7	4.8	4.97	04b	2	13	01	"	"	" "	"	6.40	08c	3	"	*08*
"	"	" "	"	5.02	04c	2	"	*04*	741	24.8	+43 54	9.1	9.51	02	6	5	..
"	"	" "	"	5.32	05c	1	"	*34*	597	24.8	+ 0 12	8.9	8.95	01	4	1	18
"	"	" "	"	5.35	05d	1	"	*37*	"	"	" "	"	9.10	01g	4	"	03
697	22.4	+35 28	7.5	7.06	02	2	4	26	847	25.0	+47 41	6.5	5.59	08b	3	12	*07*
"	"	" "	"	7.18	02g	4	"	14	"	"	" "	"	5.24	08c	3	"	28
698	22.4	+35 21	8.8	9.01	02	5	4	*01*	..	25.0	+43 34	..	10.94	02	6	5	..
"	"	" "	"	9.00	02g	2	..	00	..	25.0	+43 30	..	12.93	02	12	5	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
743	3 25.1	+43 43	9.2	9.62	02	6	5	..	*628*	3 29.4	−21 58	3.8	4.33	03b	1	13	*01*
..	25.1	+43 39	..	12.77	02	12	5	..	"	"	" "	"	4.73	03c	1	"	*41*
554	25.3	+ 2 27	9.5	11.05	01	2	9	..	"	"	" "	"	4.58	04b	2	"	*26*
"	"	" "	"	10.57	02	1	"	..	"	"	" "	"	4.42	04c	2	"	*10*
486	25.4	+12 36	4.0	4.32	04b	2	13	*04*	556	29.7	+ 4 28	9.3	10.39	01	3	9	..
"	"	" "	"	4.20	04c	3	"	08	557	29.8	+ 4 43	9.5	10.18	09	5	7	..
"	"	" "	"	4.29	04d	1	"	*01*	564	29.8	+ 2 19	9.5	10.91	01	3	9	..
542	25.4	+ 4 24	9.3	9.91	01	3	9	..	..	30.0	+ 4 43	..	10.65	09	5	7	..
484	25.4	+ 3 36	9.3	10.06	01	3	9	..	..	30.1	+ 4 53	..	12.00	09	3	7	..
619	25.5	+58 26	7.0	6.49	08b	3	12	*22*	496	30.4	+ 3 35	9.2	9.75	01	3	9	..
"	"	" "	"	6.36	08c	3	"	*09*	826	30.5	+56 37	6.5	6.32	08b	3	12	*05*
543	25.5	+ 5 2	7.7	7.00	01	2	1	15	"	"	" "	"	6.29	08c	3	"	*02*
"	"	" "	"	7.17	01g	5	"	*02*	612	30.5	+ 0 17	9.5	11.35	01	2	9	..
674	25.6	− 5 25	5.0	4.66	03c	3	13	14	"	"	" "	"	10.92	02	1	"	..
"	"	" "	"	4.76	03d	3	"	04	796	30.8	+40 12	8.0	7.57	09r	4	1	30
730	25.7	+57 32	7.0	6.39	08b	3	12	02	..	31.0	+ 4 41	..	11.33	09	5	7	..
"	"	" "	"	6.44	08c	3	"	*03*	590	31.1	+62 49	8.5	8.53	02	6	3	*16*
714	26.2	+35 19	7.5	7.46	02	3	4	*14*	795	31.2	+42 15	6.7	6.43	08b	3	12	*13*
"	"	" "	"	7.26	02g	3	"	06	"	"	" "	"	6.35	08c	3	"	*05*
611	26.2	+ 1 10	9.5	11.71	01	2	9	..	*560*	31.2	+ 5 1	9.2	9.34	09	6	7	01
"	"	" "	"	11.42	02	1	"	..	*756*	31.4	+45 7	9.1	9.38	06	9	1	*06*
601	26.2	+ 0 30	9.5	10.63	01	2	9	..	706	31.6	+52 30	7.4	7.70	08	3	18	26
"	"	" "	"	10.08	02	1	"	..	"	"	" "	"	7.71	08b	3	"	25
680	26.5	− 5 45	9.3	9.30	03	1	25	..	..	31.6	+ 4 57	..	11.95	09	2	7	..
678	27.0	+35 1	9.0	9.58	01	3	1	*38*	616	31.7	+ 0 16	6.9	6.25	01g	1	1	*13*
561	27.0	− 0 3	8.5	8.10	08	3	19	..	"	"	" "	"	6.79	01i	2	"	*67*
"	"	" "	"	8.17	08b	3	"	..	..	31.8	+ 5 22	..	11.09	09	4	7	..
740	27.4	+44 59	9.0	8.97	06	9	1	10	*572*	31.8	+ 0 5	4.2	4.26	08b	6	19	14
697	28.2	− 9 48	3.3	3.94	03b	2	13	*13*	"	"	" "	"	4.42	03b	2	13	*02*
"	"	" "	"	3.90	03c	5	"	*09*	"	"	" "	"	4.37	03c	4	"	03
"	"	" "	"	3.94	03d	2	"	*13*	"	"	" "	"	4.22	03d	2	"	18
719	28.3	+35 11	9.0	9.71	01	3	1	31	623	31.9	+61 31	8.7	8.96	02	6	3	..
745	28.4	+45 5	9.0	9.00	06	9	1	07	..	31.9	+ 5 14	..	11.29	09	3	7	..
682	28.4	+35 0	8.5	9.07	01	3	1	05	*620*	32.1	+ 1 1	8.2	8.30	08	2	8	*41*
575	28.4	+17 31	7.0	6.27	08b	3	12	12	*563*	32.3	+ 5 6	9.0	9.58	09	6	7	03
"	"	" "	"	6.28	08c	3	"	11	..	32.6	+ 5 9	..	10.88	09	3	7	..
766	28.5	+43 30	8.0	7.79	02	6	5	..	593	32.7	+62 36	9.1	8.81	02	6	3	*19*
"	"	" "	"	7.53	10	3	19	..	522	32.7	+ 5 10	9.2	9.79	09	4	7	..
"	"	" "	"	7.80	10b	1	"	..	*627*	32.8	+ 1 5	9.0	9.86	08	2	8	*20*
818	28.8	+40 1	8.6	8.79	01	3	1	*12*	*765*	33.0	+45 4	9.1	9.26	06	8	1	06
"	"	" "	"	8.72	09	5	1	*05*	594	33.1	+62 23	9.2	9.34	02	6	3	*20*
..	29.1	+14 21	..	12.77	10	2	21	..	595	33.1	+62 10	9.3	9.65	02	6	3	..
607	29.2	+ 1 4	8.5	8.15	08	1	8	29	*766*	33.1	+45 1	9.2	9.45	06	8	1	*18*
..	29.3	+14 19	..	12.80	10	2	21	..	*628*	33.1	+ 1 7	8.7	8.94	08	2	8	60
620	29.3	+ 1 26	9.3	10.16	01r	2	9	..	626	33.2	+61 51	9.5	10.32	02	12	3	..
857	29.4	+47 51	5.3	4.58	04b	1	13	*32*	598	33.5	+62 11	9.3	9.95	02	6	3	..
"	"	" "	"	4.42	04c	1	"	*16*	584	33.5	+25 49	8.9	9.10	01	6	23	*15*
"	"	" "	"	4.14	05c	2	"	12	"	"	" "	"	8.87	01g	6	"	08
"	"	" "	"	4.34	05d	2	"	*08*	505	33.5	+ 3 41	9.5	10.78	01	3	9	..
723	29.4	+35 9	8.5	8.88	01	3	1	19	..	33.5	+ 1 0	..	10.94	08	2	8	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
628	3 33.6	+61 58	8.6	8.98	02	6	3	..	A	3 38.2	+ 0 38	9.2	9.74	02	1	9	..
..	33.8	+ 0 58	..	11.60	08	2	8	..	*590*	38.3	+ 0 6	8.0	8.78	08	3	19	*15*
631	33.9	+ 1 4	9.3	10.74	08	2	8	..	“	“	“ “	“	9.06	08b	3	“	*43*
640	34.0	+ 1 17	9.5	11.40	01r	2	9	..	815	38.4	+42 16	4.1	3.85	04c	1	13	08
632	34.0	+ 0 13	9.5	11.27	01	3	9	..	“	“	“ “	“	4.02	04d	1	“	*09*
813	34.2	+40 51	7.0	7.02	08	3	19	06	“	“	“ “	“	3.79	05c	2	“	14
“	“	“ “	“	6.98	08b	3	“	10	“	“	“ “	“	3.58	05d	2	“	35
567	34.2	+ 4 29	9.5	11.07	01	3	9	..	728	38.5	−10 6	3.3	3.81	03b	3	13	*09*
801	34.3	+50 57	8.7	9.34	07	4	17	..	“	“	“ “	“	3.69	03c	3	“	03
“	“	“ “	“	9.46	07b	4	“	..	“	“	“ “	“	3.78	03d	1	“	*06*
580	34.5	+ 2 21	9.5	10.54	01	3	9	..	608	38.6	+62 9	7.8	8.01	02	5	3	..
“	“	“ “	“	9.93	02	1	“	..	“	“	“ “	“	8.13	02g	1	“	..
581	34.7	+ 2 44	5.8	6.38	01i	2	1	*62*	*790*	38.6	+45 2	7.8	7.56	08	3	18	11
634	34.9	+ 0 58	9.5	10.83	08	2	8	..	“	“	“ “	“	7.54	08b	3	“	13
519	34.9	− 1 27	6.7	6.31	08b	3	12	*16*	*578*	38.6	+ 5 5	9.0	9.89	01	2	1	*13*
“	“	“ “	“	6.31	08c	3	“	*16*	“	“	“ “	“	9.81	01g	2	“	*05*
635	35.1	+ 1 0	9.4	11.06	08	2	8	..	“	“	“ “	“	9.62	02	2	“	14
721	35.6	−10 0	10	11.33	99	1	25	..	“	“	“ “	“	9.65	02g	1	“	11
602	35.8	+62 13	9.5	10.73	02	11	3	..	“	“	“ “	“	9.74	09	8	“	02
“	“	“ “	“	10.95	02g	1	“	..	829	38.7	+40 12	8.8	9.56	09	5	1	*04*
876	35.8	+47 28	3.5	2.98	04c	1	13	12	505	38.9	+23 59	6.5	5.56	01i	2	15	*13*
“	“	“ “	“	3.02	04d	1	“	08	“	“	“ “	“	5.59	01gi	2	“	*16*
“	“	“ “	“	3.34	05c	2	“	*24*	“	“	“ “	“	5.48	03i	5	“	*05*
“	“	“ “	“	3.04	05d	2	“	06	“	“	“ “	“	5.93	03gi	5	“	*50*
..	36.4	+ 0 59	..	12.58	08	2	8	..	“	“	“ “	“	5.60	03b	6	“	*17*
641	36.5	+ 1 8	9.5	10.74	08	2	8	..	“	“	“ “	“	5.35	03c	6	“	08
689	36.5	−12 7	6.8	6.68	08b	3	12	*18*	507	39.0	+23 48	4.7	4.08	01i	1	15	*27*
“	“	“ “	“	6.65	08c	3	“	*15*	“	“	“ “	“	3.90	01gi	1	“	*09*
..	36.8	+ 0 59	..	12.84	08	2	8	..	“	“	“ “	“	3.87	04b	1	13	*06*
984	36.9	+48 13	6.5	6.03	08b	3	12	25	“	“	“ “	“	3.72	04c	3	“	09
“	“	“ “	“	6.23	08c	3	“	05	“	“	“ “	“	3.66	04d	2	“	15
576	36.9	+ 4 39	9.5	11.26	01	3	9	..	521	39.0	+ 3 23	9.5	11.24	01	2	9	..
708	37.1	+60 2	8.0	8.22	09	3	1	*16*	*730*	39.0	− 9 55	7.7	7.01	99	1	25	20
..	37.2	+ 1 7	..	11.19	08	2	8	..	744	39.3	+41 30	8.6	8.68	09	4	20	..
604	37.3	+63 2	5.3	4.92	05b	2	13	04	547	39.3	+24 10	5.0	4.42	04b	3	13	*05*
“	“	“ “	“	5.17	05c	2	“	*21*	“	“	“ “	“	4.34	04c	3	“	03
534	37.4	+ 5 10	8.7	9.14	09	9	1	*03*	*733*	39.3	− 9 54	9.3	9.57	99	1	25	..
723	37.4	−10 0	9.8	11.73	99	1	25	..	*580*	39.4	+ 5 0	8.9	9.54	09	8	1	*04*
..	37.5	− 8 59	..	12.54	99	1	25	..	831	39.6	+40 11	8.5	9.12	09	5	1	*15*
1513	37.7	−24 58	7.0	6.84	06	6	4	*07*	*259*	39.8	+71 1	4.3	4.85	05b	3	13	*18*
..	37.8	+ 1 6	..	11.48	08	2	8	..	“	“	“ “	“	4.78	05c	3	“	*11*
593	37.9	+ 2 42	9.5	10.36	01	3	9	..	*516*	39.9	+24 4	4.8	3.98	01i	1	15	04
“	“	“ “	“	10.62	01g	1	“	..	“	“	“ “	“	3.97	01gi	1	“	05
642	38.0	+31 58	3.8	3.55	04c	1	13	39	“	“	“ “	“	3.98	04c	3	13	04
“	“	“ “	“	3.92	04d	1	“	02	“	“	“ “	“	4.05	04d	3	“	*03*
“	“	“ “	“	3.88	05c	2	“	06	553	40.0	+24 15	7.0	5.68	99i	3	15	17
“	“	“ “	“	3.76	05d	2	“	18	“	“	“ “	“	5.77	01i	3	“	08
652	38.0	+ 1 12	9.1	10.03	01	3	9	..	“	“	“ “	“	5.71	01gi	3	“	14
828	38.1	+40 37	7.8	8.24	09	5	20	13	“	“	“ “	“	5.78	01g	2	“	07
645	38.2	+ 0 38	9.2	9.84	01	2	9	..	“	“	“ “	“	5.75	03i	5	“	10

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	3 40.0	+24 15	7.0	6.04	03gi	6	15	*19*	650	3 41.5	+31 54	6.5	6.31	08b	3	12	*08*
“	“	“ “	“	5.82	03b	7	“	03	“	“	“ “	“	6.24	08c	3	“	*01*
“	“	“ “	“	5.74	03c	6	“	11	567	41.5	+24 21	8.6	8.77	99	3	15	*35*
748	40.1	+41 24	8.5	8.78	09	4	20	..	“	“	“ “	“	8.75	01	3	“	*33*
750	40.1	+41 10	8.2	7.82	08	3	19	..	“	“	“ “	“	8.47	01g	3	“	*05*
“	“	“ “	“	7.73	08b	3	“	..	“	“	“ “	“	8.65	03	12	15	*23*
“	“	“ “	“	7.83	09	4	20	..	“	“	“ “	“	8.34	03g	4	“	08
556	40.1	+24 13	7.0	6.57	08	1	12	*11*	“	“	“ “	“	8.54	03b	6	“	*12*
“	“	“ “	“	6.26	08b	3	“	20	541	41.5	+23 48	3.2	3.21	99i	3	15	*25*
“	“	“ “	“	6.32	08c	3	“	14	“	“	“ “	“	3.16	01i	3	“	*20*
648	40.1	+ 0 13	8.9	9.76	01	3	1	*03*	“	“	“ “	“	3.02	01gi	3	“	*06*
“	“	“ “	“	9.99	01g	3	“	*26*	“	“	“ “	“	3.07	03i	5	“	*11*
“	“	“ “	“	9.51	08	4	“	22	“	“	“ “	“	2.83	03gi	5	“	13
369	40.4	+65 13	4.5	4.33	05b	1	13	38	“	“	“ “	“	3.20	03c	7	“	*33*
“	“	“ “	“	4.55	05c	3	“	16	“	“	“ “	“	3.04	03d	6	“	*08*
“	“	“ “	“	4.76	05d	2	“	*05*	“	“	“ “	“	3.18	04c	8	R	*22*
522	40.4	+23 39	4.5	4.04	99i	3	15	21	“	“	“ “	“	3.07	04d	8	“	*11*
“	“	“ “	“	4.28	01i	4	“	*03*	“	“	“ “	“	3.08	05c	5	15	*12*
“	“	“ “	“	4.14	01gi	3	“	11	“	“	“ “	“	3.13	05d	5	“	*17*
“	“	“ “	“	4.01	03i	5	“	24	*540*	41.6	+24 0	7.0	6.96	99i	3	“	*15*
“	“	“ “	“	4.40	03gi	5	“	*15*	“	“	“ “	“	6.68	01	3	“	13
“	“	“ “	“	4.07	03c	6	“	18	“	“	“ “	“	6.69	01g	3	“	12
“	“	“ “	“	4.42	03d	6	“	*17*	“	“	“ “	“	6.96	01i	3	“	*15*
“	“	“ “	“	4.38	04b	2	13	*13*	“	“	“ “	“	7.02	01gi	3	“	*21*
“	“	“ “	“	4.17	04c	3	“	08	“	“	“ “	“	6.74	03br	5	“	07
“	“	“ “	“	4.54	04d	1	“	*29*	“	“	“ “	“	7.08	03cr	5	“	*27*
531	40.6	+16 3	8.0	7.93	04	4	22	..	“	“	“ “	“	7.04	03g	4	“	*23*
“	“	“ “	“	8.47	04b	4	“	..	“	“	“ “	“	6.96	03i	6	“	*15*
“	“	“ “	“	8.06	05	1	“	..	653	41.6	+ 0 40	9.3	11.08	01	3	9	..
“	“	“ “	“	7.94	05b	1	“	..	286	41.8	+68 12	6.5	6.33	08b	3	12	00
651	40.6	+ 0 19	8.4	8.31	01	3	1	*08*	“	“	“ “	“	6.30	08c	3	“	03
“	“	“ “	“	8.35	01g	3	“	*12*	839	41.9	+40 59	9.4	10.01	09	4	20	..
659	40.7	+ 1 47	9.5	10.94	01	3	9	..	*589*	42.0	+ 5 8	8.9	9.48	01	3	1	13
612	40.8	+63 0	6.5	5.66	04c	1	25	30	“	“	“ “	“	9.53	01g	3	“	08
“	“	“ “	“	5.94	04d	1	“	02	1863	42.2	−24 22	8.9	9.47	06	6	4	..
“	“	“ “	“	5.91	08b	3	12	05	607	42.4	+ 2 51	9.5	11.33	01	3	9	..
“	“	“ “	“	5.71	08c	3	“	25	1867	42.4	−24 43	9.5	10.46	06	6	4	..
583	40.8	+ 6 30	6.7	6.02	08b	3	12	10	552	42.5	+23 45	9.5	9.95	03	9	15	..
“	“	“ “	“	6.03	08c	3	“	09	“	“	“ “	“	10.08	03g	4	“	..
652	40.9	+ 1 5	8.9	9.66	08	2	8	*12*	“	“	“ “	“	10.36	03b	6	“	..
833	41.2	+40 44	8.9	9.39	09	4	20	..	*563*	42.5	+23 8	6.9	5.46	08b	3	12	05
524	41.2	+ 3 26	9.5	10.22	01	3	9	..	“	“	“ “	“	5.46	08c	3	“	05
846	41.3	+56 49	7.0	6.46	08b	3	12	02	1565	42.5	−23 33	3.9	4.61	04b	3	13	*28*
“	“	“ “	“	6.49	08c	3	“	*01*	“	“	“ “	“	4.45	04c	3	“	*12*
657	41.4	+58 28	8.8	9.16	09	4	7	..	1557	42.5	−25 10	7.7	7.56	06	6	4	22
707	41.4	−12 25	4.3	4.56	03b	3	13	08	753	42.6	+60 13	8.7	8.74	09	3	1	32
“	“	“ “	“	4.86	03c	3	“	*22*	*600*	42.9	+ 0 4	8.6	9.20	08	4	1	*22*
749	41.5	+60 12	8.8	8.81	09	3	1	00	..	43.0	+23 58	..	13.67	99	1	15	..
717	41.5	+33 18	7.0	6.43	08b	3	12	*07*	755	43.1	+60 17	8.7	9.33	09	3	1	*12*
“	“	“ “	“	6.54	08c	3	“	*18*	760	43.1	+41 13	9.1	9.58	09	4	20	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	3 43.2	+23 59	..	12.08	01	1	15	..
“	“	“ “	“	11.98	01g	1	“	..
557	43.2	+23 45	4.0	3.76	03i	6	15	04
“	“	“ “	“	3.84	03gi	6	“	*04*
“	“	“ “	“	3.74	03c	6	“	*06*
“	“	“ “	“	3.85	03d	7	“	*05*
“	“	“ “	“	3.56	04c	8	R	24
“	“	“ “	“	3.74	04d	8	“	06
“	“	“ “	“	3.70	05c	5	15	10
“	“	“ “	“	3.84	05d	5	“	*04*
514	43.2	+16 10	7.6	7.46	04	4	22	..
“	“	“ “	“	7.50	04b	4	“	..
“	“	“ “	“	6.79	05	1	22	..
“	“	“ “	“	6.96	05b	1	“	..
535	43.2	+15 16	8.5	8.88	10	8	1	01
558	43.3	+23 51	6.2	5.08	03i	6	15	10
“	“	“ “	“	5.45	03gi	5	“	*27*
“	“	“ “	“	4.83	03c	6	“	35
“	“	“ “	“	5.20	03d	6	“	*02*
“	“	“ “	“	5.11	04c	5	“	07
“	“	“ “	“	5.30	04d	5	“	*12*
“	“	“ “	“	4.81	05c	5	“	37
“	“	“ “	“	5.23	05d	5	“	*05*
1876	43.3	−24 35	9.3	10.74	06	6	4	..
..	43.5	+24 0	..	12.90	99	3	15	..
“	“	“ “	“	12.64	01	3	“	..
“	“	“ “	“	12.72	01g	3	“	..
“	“	“ “	“	12.77	03	22	“	..
“	“	“ “	“	12.70	04	10	“	..
“	“	“ “	“	12.86	05	10	“	..
562	43.5	+23 57	7.8	8.08	99	4	15	*20*
“	“	“ “	“	7.92	01	22	“	*04*
“	“	“ “	“	7.99	01g	4	“	*11*
“	“	“ “	“	8.03	03	5	“	*15*
“	“	“ “	“	7.90	03g	5	“	*02*
“	“	“ “	“	7.75	03b	6	“	13
“	“	“ “	“	8.18	03c	6	“	*30*
“	“	“ “	“	8.06	04	5	“	*18*
“	“	“ “	“	7.63	04b	5	“	15
“	“	“ “	“	7.78	05b	5	“	10
“	“	“ “	“	8.01	05c	5	“	*13*
590	43.5	+ 4 44	8.8	9.53	01	3	9	..
..	43.6	+24 0	..	11.33	99	3	15	..
“	“	“ “	“	11.38	01	3	“	..
“	“	“ “	“	11.60	01g	3	“	..
“	“	“ “	“	11.52	03r	9	“	..
“	“	“ “	“	11.84	03g	10	“	..
“	“	“ “	“	11.72	04	10	“	..
“	“	“ “	“	11.69	05	10	“	..
563	43.8	+23 25	7.2	5.92	08b	3	12	19

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	3 43.8	+23 25	7.2	6.10	08c	3	12	01
564	43.9	+23 57	9.2	9.30	99	3	15	30
“	“	“ “	“	9.45	01	22	“	15
“	“	“ “	“	9.42	01g	3	“	18
“	“	“ “	“	9.46	03r	10	“	14
“	“	“ “	“	9.58	03g	5	“	02
“	“	“ “	“	9.99	03br	5	“	*39*
“	“	“ “	“	9.56	04	5	“	04
“	“	“ “	“	9.92	04b	5	“	*32*
“	“	“ “	“	9.47	05	5	“	13
“	“	“ “	“	9.87	05b	5	“	*27*
589	43.9	+ 7 4	8.6	9.07	01	6	7	..
565	44.0	+23 55	8.5	8.92	99	3	15	00
“	“	“ “	“	9.04	01	22	“	*12*
“	“	“ “	“	8.91	01g	3	“	01
“	“	“ “	“	9.10	03	11	“	*18*
“	“	“ “	“	8.78	03g	5	“	14
“	“	“ “	“	9.24	03b	5	“	*32*
“	“	“ “	“	8.86	04	5	“	06
“	“	“ “	“	9.08	04b	5	“	*16*
“	“	“ “	“	9.17	05	5	“	*25*
“	“	“ “	“	9.16	05b	5	“	*24*
567	44.0	+24 3	7.9	7.58	99	4	15	*24*
“	“	“ “	“	7.61	01	22	“	*27*
“	“	“ “	“	7.55	01g	3	“	*21*
“	“	“ “	“	7.75	03	5	“	*41*
“	“	“ “	“	7.46	03g	5	“	*12*
“	“	“ “	“	7.26	03b	5	“	08
“	“	“ “	“	7.79	03c	5	“	*45*
“	“	“ “	“	7.86	04	5	“	*52*
“	“	“ “	“	7.41	04b	5	“	*07*
“	“	“ “	“	7.30	05b	5	“	04
“	“	“ “	“	7.60	05c	5	“	*26*
573	44.1	+ 8 11	8.2	8.29	01	6	7	..
1885	44.1	−24 0	8.1	7.82	06	6	4	..
539	44.3	− 1 45	7.5	6.69	08	3	3	07
“	“	“ “	“	6.31	08b	1	“	45
578	44.5	+24 12	7.7	7.21	99	4	15	05
“	“	“ “	“	7.57	99i	1	“	*31*
“	“	“ “	“	7.20	01i	2	“	06
“	“	“ “	“	6.72	01gi	1	“	54
“	“	“ “	“	7.39	01	21	“	*13*
“	“	“ “	“	7.36	01g	2	“	*10*
“	“	“ “	“	7.64	03	4	“	*38*
“	“	“ “	“	7.51	03g	5	“	*25*
“	“	“ “	“	7.26	03b	5	“	00
“	“	“ “	“	7.87	03c	5	“	*61*
“	“	“ “	“	7.16	04b	5	“	10
“	“	“ “	“	7.71	04cr	4	“	*45*
“	“	“ “	“	7.26	05b	5	“	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	3 44.5	+24 12	7.7	7.57	05c	5	15	*31*	A	3 47.8	+31 35	3.0	2.97	05c	2	13	*06*
541	44.6	− 1 31	9.3	9.94	08	4	3	..	"	"	" "	"	2.78	05d	2	"	13
606	44.7	− 0 0	9.0	9.67	08	4	1	11	1618	47.8	−25 15	8.4	9.23	06	6	4	..
666	45.2	+ 1 32	9.5	11.25	01	3	9	..	623	47.9	+14 48	9.5	10.32	10	4	21	..
555	45.4	+ 7 54	9.4	9.99	01	6	7	..	561	47.9	+ 7 57	9.2	10.28	01	6	7	..
592	45.6	+ 6 51	8.7	8.72	01	6	7	..	..	47.9	− 1 55	..	10.93	08	4	3	..
731	45.7	+60 3	9.0	8.84	09	3	1	07	588	48.0	+30 21	9.5	10.90	06	6	5	..
662	45.7	+58 41	9.5	10.74	09	4	7	..	563	48.0	+ 7 33	9.5	10.56	01	11	7	..
617	45.7	+ 2 23	9.5	11.36	01	3	9	..	589	48.1	+30 41	9.0	9.62	06	6	5	..
..	45.7	−25 13	..	12.57	06	1	4	..	*762*	48.2	+35 1	8.8	9.46	09	1	1	*29*
1593	45.7	−25 49	8.1	8.29	06	5	4	..	..	48.2	− 1 28	..	11.30	08	4	3	..
"	"	" "	"	8.44	06b	2	"	..	747	48.2	− 2 18	8.0	8.31	08	4	3	..
222	45.8	+71 31	6.5	• 6.28	08b	3	12	11	590	48.3	+30 48	9.5	10.74	06	6	5	..
"	"	" "	"	6.64	08c	3	"	*25*	..	48.3	− 2 2	..	11.53	08	4	3	..
585	45.8	+24 47	9.1	8.84	01	6	23	04	628	48.6	+62 47	5.2	5.12	05b	2	13	*25*
"	"	" "	"	8.80	01g	6	"	08	"	"	" "	"	4.98	05c	3	"	*11*
1597	46.0	−25 8	9.8	12.34	06	4	4	..	"	"	" "	"	4.81	05d	1	"	06
1599	46.0	−25 6	9.6	11.26	06	6	4	..	553	48.6	− 1 48	9.2	9.26	08	4	3	..
..	46.0	−25 7	..	12.22	06	5	4	..	1936	48.8	−24 55	9.7	11.52	04	2	25	..
..	46.1	− 1 40	..	11.35	08	4	3	..	*617*	49.1	+ 0 0	8.3	8.77	08	7	18	*04*
666	46.2	+ 0 36	9.3	10.06	01	3	9	..	"	"	" "	"	8.95	08b	3	"	*22*
..	46.2	− 1 47	..	12.14	08	4	3	..	631	49.2	− 3 14	5.0	4.51	03b	2	13	17
532	46.3	+ 3 24	9.5	11.14	01	3	9	..		49.2	− 3 14						
1015	46.4	+48 21	6.2	5.94	08b	3	12	*02*	"	"	" "	"	4.54	03c	4	"	14
"	"	" "	"	5.86	08c	3	"	06	"	"	" "	"	4.64	03d	2	"	04
..	46.5	+14 58	..	12.39	10	2	21	..	1940	49.2	−24 2	9.1	9.72	04	4	3	..
610	46.5	+ 0 2	8.9	9.19	08	4	1	*16*	592	49.5	+30 23	9.2	9.74	06	6	5	..
556	46.7	+ 7 35	9.3	9.99	01	6	7	..	536	49.6	+ 3 40	9.3	9.57	01	3	9	..
763	46.9	+35 14	8.3	8.71	08	3	1	*09*	656	49.8	+17 19	8.0	7.62	05	3	22	..
"	"	" "	"	8.52	08b	3	"	10	"	"	" "	"	7.65	05b	3	"	..
589	46.9	+24 23	9.2	9.24	01	6	23	*01*	593	49.9	+30 24	9.5	10.95	06	6	5	..
"	"	" "	"	9.14	01g	6	"	09	685	49.9	−15 21	9.9	11.48	10	4	7	..
665	47.0	+58 37	9.1	9.68	09	4	7	..	786	50.0	+36 52	8.6	8.98	08	3	18	..
664	47.0	+31 12	8.8	9.55	06	6	5	..	"	"	" "	"	9.25	08b	3	"	..
547	47.0	− 1 42	9.5	10.60	08	4	3	..	624	50.0	+ 2 54	9.5	10.54	01	3	9	..
739	47.0	− 1 56	8.3	8.32	08	4	3	..	677	50.2	+ 0 35	9.4	10.80	01	3	9	..
1612	47.2	−24 58	9.3	10.26	06	6	4	..	606	50.3	+ 4 52	9.4	10.37	01	3	9	..
666	47.3	+58 41	9.5	10.89	09	4	7	..	688	50.5	−15 18	9.3	10.46	10	4	7	..
595	47.3	+ 4 17	9.5	11.23	01	3	9	..	680	51.0	+ 1 26	9.3	10.38	01	3	9	..
586	47.4	+30 28	8.9	9.42	06	6	5	..	895	51.1	+39 43	3.2	3.00	04c	1	13	*04*
667	47.5	+58 11	9.3	9.96	09	4	7	..	"	"	" "	"	2.97	04d	1	"	*01*
558	47.5	+ 7 56	9.5	11.19	01	12	7	..	"	"	" "	"	3.08	05c	2	"	*12*
550	47.5	− 1 43	9.3	9.21	08	4	3	..	"	"	" "	"	2.80	05d	2	"	16
587	47.6	+30 54	9.1	9.77	06	6	5	..	607	51.2	+22 54	7.0	6.05	08b	3	12	*07*
559	47.6	+ 7 59	9.0	9.32	01	6	7	..	"	"	" "	"	5.98	08c	3	"	00
551	47.6	− 1 18	8.8	8.88	08	4	3	..	555	51.2	+15 14	8.4	8.72	10	4	1	02
855	47.8	+41 1	8.2	8.39	08	3	19	..	1961	51.2	−24 19	9.1	10.10	04	4	3	..
"	"	" "	"	8.54	08b	3	"	..	605	51.3	+ 6 25	7.8	8.14	01	5	7	..
666	47.8	+31 35	3.0	2.64	04c	1	13	27	"	"	" "	"	8.26	01g	1	"	..
"	"	" "	"	2.99	04d	1	"	*08*	1965	51.4	−24 19	9.5	11.03	04	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1478	3 51.4	−26 14	7.8	7.70	04	2	1	*22*
"	"	" "	"	7.40	04b	2	"	08
781	51.5	−14 3	8.5	8.94	10	4	7	. .
773	51.6	+34 32	7.0	6.37	08b	5	12	02
"	"	" "	"	6.52	08c	4	"	*13*
782	51.6	−14 13	9.0	8.94	10	4	7	. .
1641	51.6	−23 50	8.4	8.60	04	4	3	. .
158	51.9	+75 17	9.2	9.50	05	6	11	. .
827	51.9	+38 33	6.5	6.16	08b	3	12	25
"	"	" "	"	6.34	08c	3	"	07
1642	51.9	−23 43	7.9	7.88	04	2	3	38
"	"	" "	"	8.34	04b	2	"	*08*
1969	51.9	−24 11	9.6	10.33	04	4	3	. .
181	52.0	+74 59	8.9	8.64	05	4	1	*02*
"	"	" "	"	8.58	05b	4	"	04
"	"	" "	"	8.73	07	3	"	*11*
"	"	" "	"	8.68	07b	3	"	*06*
1974	52.1	−24 12	9.8	11.76	04	4	3	. .
594	52.2	+30 20	9.5	11.43	06	6	5	. .
691	52.2	−15 42	9.5	10.76	10	4	7	. .
595	52.3	+31 7	9.0	9.38	06	6	5	. .
1653	52.3	−25 28	7.2	7.12	04	2	1	*19*
"	"	" "	"	6.80	04b	2	"	13
775	52.5	+35 30	4.2	4.57	04b	1	13	*52*
"	"	" "	"	4.48	04c	1	"	*43*
"	"	" "	"	4.00	05c	3	"	05
"	"	" "	"	4.14	05d	3	"	*09*
535	52.6	+12 28	8.3	8.46	01	6	25	*17*
"	"	" "	"	8.40	01g	6	"	*11*
544	53.0	+ 3 53	9.5	10.65	01	3	9	. .
1981	53.0	−24 56	7.3	7.45	04	2	1	*19*
"	"	" "	"	7.14	04b	2	"	12
829	53.1	+38 31	6.8	6.33	08b	3	12	05
"	"	" "	"	6.40	08c	3	"	*02*
640	53.2	+62 14	7.9	8.11	06	1	25	. .
"	"	" "	"	8.03	06b	1	"	. .
781	53.4	−13 48	3	3.18	03b	1	13	01
"	"	" "	"	3.15	03c	3	"	04
"	"	" "	"	3.24	03d	2	"	*05*
603	53.7	+30 9	8.9	9.27	06	7	1	*21*
621	53.7	+13 44	6.8	7.26	04	1	22	07
"	"	" "	"	7.13	04b	1	"	20
785	54.0	+34 37	9.3	9.41	09	4	20	. .
613	54.0	+ 4 29	9.3	9.99	01r	2	9	. .
1996	54.0	−24 14	8.6	8.64	04	2	1	31
"	"	" "	"	9.24	04b	1	"	*29*
784	54.1	+35 36	9.4	10.22	09	4	20	. .
2001	54.3	−24 5	7.9	7.68	04	3	3	. .
"	"	" "	"	8.06	04b	2	"	. .
686	54.4	+ 0 50	9.4	10.26	01	3	9	. .
	h. m.	° ′						
805	3 54.7	+36 44	7.5	6.31	08b	4	12	02
"	"	" "	"	6.34	08c	4	"	*01*
684	54.8	+20 8	8.4	8.10	02	3	1	05
642	54.8	+20 0	9.3	9.39	02	3	1	*19*
687	54.8	+ 1 7	8.7	8.33	01	5	1	21
"	"	" "	"	8.29	01g	3	"	25
"	"	" "	"	8.48	08	1	8	06
184	54.9	+74 55	7.8	7.49	05	4	1	*17*
"	"	" "	"	7.08	05b	4	"	24
"	"	" "	"	7.34	07	3	"	*02*
"	"	" "	"	7.07	07b	3	"	25
544	54.9	+17 0	6.5	6.28	08b	3	12	02
"	"	" "	"	6.35	08c	3	"	*05*
691	54.9	+ 1 51	9.0	8.90	01	3	9	. .
185	55.0	+74 47	9.1	9.30	05	6	11	. .
627	55.0	+13 37	7.0	7.59	04	1	22	*07*
"	"	" "	"	7.71	04b	1	"	*19*
636	55.0	+ 2 44	9.5	10.63	01	3	9	. .
565	55.1	+15 12	7.7	7.94	10	2	1	. .
616	55.1	+ 4 59	9.0	9.60	01	3	1	*15*
"	"	" "	"	9.90	01g	3	"	*45*
609	55.3	+28 13	6.7	7.36	06	6	7	*37*
791	55.5	+35 5	9.0	9.32	09	6	R	*10*
"	"	" "	"	9.48	10	4	1	*26*
662	55.5	+29 58	9.3	10.22	06	7	1	06
2022	55.7	−24 18	4.4	4.93	04b	3	13	*24*
"	"	" "	"	4.94	04c	3	"	*25*
618	56.1	+27 52	7.5	7.38	06	6	7	10
794	56.2	+35 7	8.0	8.57	09	5	1	*15*
"	"	" "	"	8.56	10	4	"	*14*
648	56.2	+20 5	9.0	9.50	02	3	1	00
795	56.3	+34 53	8.5	8.42	09	4	20	. .
796	56.4	+35 3	8.5	8.39	09	6	20	23
"	"	" "	"	8.44	10	4	1	18
619	56.7	+27 56	9.5	9.87	06	7	7	. .
. .	56.7	+27 46	. .	10.75	06	6	7	. .
. .	56.8	+28 0	. .	10.20	06	6	7	. .
621	56.8	+27 24	9.1	9.31	06	6	7	. .
610	56.9	+28 11	8.3	8.94	06	6	7	. .
666	57.0	+61 55	8.4	8.84	06	3	17	. .
"	"	" "	"	8.88	06b	3	"	. .
"	"	" "	"	8.84	07	4	"	. .
"	"	" "	"	9.01	07b	4	"	. .
. .	57.0	+27 41	. .	11.07	06	6	7	. .
551	57.0	+ 3 42	9.3	9.76	01r	2	9	. .
800	57.1	+34 52	9.1	9.79	09	4	20	. .
. .	57.4	+27 52	. .	12.31	06	6	7	. .
. .	57.4	+27 51	. .	11.60	06	6	7	. .
574	57.4	+18 23	9.0	8.91	05	3	22	. .
"	"	" "	"	8.90	05b	3	22	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
764	3 57.6	−21 18	7.0	7.28	04	3	1	24	. .	4 0.4	+44 50	. .	12.68	05	6	11	. .
"	"	" "	"	7.34	04b	1	"	18	. .	0.5	+74 55	. .	12.47	05	6	11	. .
622	57.7	+28 8	9.3	10.44	06	6	7	. .	. .	0.5	+74 43	. .	10.35	05	2	11	. .
793	57.8	+35 33	9.1	9.52	09	4	20	. .	. .	0.5	+45 0	. .	11.23	05	6	11	. .
. .	57.8	+27 52	. .	12.43	06	6	7	. .	858	0.5	+44 52	9.5	10.77	05	12	11	. .
581	57.8	+ 5 43	4.0	4.27	04b	1	13	*33*	"	"	" "	"	10.66	07	3	"	. .
"	"	" "	"	3.85	04c	3	"	09	"	"	" "	"	10.81	07b	3	"	. .
"	"	" "	"	3.74	04d	2	"	20	*672*	0.6	+30 0	7.5	7.78	06	13	1	23
794	57.9	+35 8	9.4	10.24	09	4	20	. .	*774*	0.7	−15 58	9.2	10.35	06	6	3	. .
625	57.9	+ 4 33	9.1	9.14	01	2	9	. .	1714	0.7	−25 47	8.0	8.25	04	3	1	16
763	57.9	−16 6	9.5	10.56	06	6	3	. .	"	"	" "	"	8.64	04b	3	"	*23*
626	58.0	+ 4 32	9.5	10.21	01	3	9	. .	*860*	0.8	+45 3	9.4	10.09	05	6	11	. .
627	58.0	+ 4 35	9.5	11.03	01	2	9	. .	861	0.9	+44 51	9.2	9.88	05	6	11	. .
689	58.0	+ 0 15	9.3	10.20	01	3	9	. .	*775*	0.9	−15 58	8.7	9.32	06	6	3	. .
. .	58.1	+27 51	. .	13.06	06	6	7	. .	190	1.0	+74 38	9.5	9.92	05	12	11	. .
765	58.1	−16 28	8.7	9.16	06	6	3	. .	"	"	" "	"	9.92	07	4	"	. .
. .	58.2	+27 54	. .	12.68	06	2	7	. .	"	"	" "	"	10.08	07b	2	"	. .
847	58.3	+44 54	9.5	10.89	05	6	11	. .	876	1.0	+45 20	8.3	8.51	05	6	11	. .
766	58.4	−16 25	9.8	10.98	06	6	3	. .	. .	1.4	+74 59	. .	12.22	05	6	11	. .
868	58.6	+45 21	8.6	8.88	05	6	11	. .	. .	1.4	+74 51	. .	13.04	05	6	11	. .
643	58.6	+ 2 18	9.3	10.85	01	3	9	. .	939	1.4	+47 27	4.5	4.19	05c	3	13	*16*
805	58.7	+34 37	9.5	10.48	09	4	20	. .	"	"	" "	"	4.28	05d	3	"	*25*
188	58.8	+74 24	8.4	8.52	05	6	11	. .	559	1.4	+ 3 31	9.3	9.84	01	3	9	. .
585	58.8	+21 49	5.0	4.50	04b	4	13	00	717	1.4	−15 0	8.0	8.23	06	6	1	17
"	"	" "	"	4.64	04c	4	"	*14*	"	"	" "	"	8.28	10	4	"	12
645	58.9	+ 2 33	5.8	5.75	01i	3	1	*36*	776	1.4	−16 5	10	11.94	06	6	3	. .
"	"	" "	"	5.73	01gi	1	"	*34*	780	1.4	−20 47	7.0	6.59	08b	3	12	*17*
628	59.0	+27 20	7.8	8.15	06	6	7	. .	"	"	" "	"	6.95	08c	3	"	*53*
696	59.0	+ 1 36	9.5	10.96	01	3	9	. .	777	1.5	−16 3	9.4	10.80	06	6	3	. .
1101	59.1	+50 5	4.2	4.37	05c	3	13	*04*	. .	1.6	+75 4	. .	11.29	05	6	11	. .
"	"	" "	"	4.39	05d	3	"	*06*	*863*	1.6	+45 0	9.1	9.60	05	3	1	*13*
. .	59.2	+75 5	. .	11.18	05	6	11	. .	"	"	" "	"	9.51	05b	3	"	*04*
767	59.2	−16 1	8.4	8.83	06	6	3	. .	"	"	" "	"	9.43	07	3	"	04
2062	59.3	−24 44	7.3	7.36	04	3	1	34	"	"	" "	"	9.45	07b	3	"	02
"	"	" "	"	7.48	04b	3	"	22	702	1.8	+20 15	9.5	10.32	02	1	25	. .
. .	59.4	+44 54	. .	12.85	05	6	11	. .	*819*	2.0	+35 6	9.2	9.68	09	5	1	*16*
629	59.4	+27 38	7.8	8.56	06	6	7	. .	"	"	" "	"	9.44	10	4	"	08
189	59.5	+74 36	9.5	10.25	05	7	11	. .	. .	2.1	+ 0 57	. .	11.60	08	2	8	. .
850	59.5	+45 5	9.3	10.28	05	6	11	. .	704	2.4	+ 1 32	9.5	9.92	01	3	9	. .
853	59.5	+44 43	9.0	9.26	05	6	11	. .	797	2.5	+33 41	8.8	9.44	09	2	7	. .
630	59.5	+28 8	8.8	9.30	06	6	7	. .	"	"	" "	"	9.11	10	4	"	. .
770	59.5	−16 51	6.2	6.76	08b	3	12	*27*	621	2.5	+23 8	8.8	8.96	01	6	23	*06*
"	"	" "	"	6.84	08c	3	"	*35*	"	"	" "	"	8.78	01g	6	"	12
163	59.7	+75 27	9.4	9.48	05	6	11	. .	668	2.5	+19 29	8.0	7.49	05	3	22	. .
812	59.7	+35 5	9.4	9.91	09	1	25	. .	"	"	" "	"	7.30	05b	3	"	. .
. .	59.8	+44 55	. .	11.72	05	6	11	. .	698	2.6	+ 0 22	9.5	10.70	01	3	9	. .
856	59.8	+44 24	8.9	9.04	05	6	11	. .	700	2.8	+ 0 57	8.8	9.18	08	2	8	26
772	4 0.1	−16 5	9.3	10.31	06	6	3	. .	801	3.0	+33 31	8.5	8.69	09	2	7	. .
. .	0.2	+44 51	. .	12.49	05	7	11	. .	"	"	" "	"	8.52	10	4	"	. .
714	0.3	−15 42	9.7	10.96	06	6	3	. .	638	3.1	+ 4 39	9.5	10.24	01	3	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	4 3.1	+ 1 5	..	11.06	08	2	8	..	*647*	4 6.4	+ 5 4	8.4	7.86	01	3	1	15
652	3.3	+ 2 44	9.5	10.24	01	3	9	..	"	"	" "	"	7.93	01g	3	"	08
..	3.4	+34 8	..	12.10	10	4	7	..	708	6.4	+ 0 55	9.3	9.99	01	3	9	..
..	3.4	+ 0 58	..	11.36	08	2	8	..	832	6.4	−14 38	7.7	7.76	10	4	1	15
1117	3.5	+50 2	8.6	8.75	03	3	1	12	1761	6.4	−25 26	9.8	11.22	04	6	3	..
"	"	" "	"	8.72	03g	3	"	15	194	6.5	+74 23	8.2	7.91	05	6	11	..
886	3.5	+45 14	9.1	9.02	05	3	1	*05*	882	6.5	+51 28	8.3	9.01	03	6	16	..
"	"	" "	"	9.11	05b	3	"	*14*	657	6.5	+ 2 23	9.0	9.55	01	3	9	..
"	"	" "	"	9.02	07	3	"	*05*	738	6.5	−15 2	9.2	9.49	06	6	1	06
"	"	" "	"	9.06	07b	3	"	*09*	"	"	" "	"	9.56	10	4	1	*01*
589	3.6	+18 36	8.7	8.41	05	3	22	..	1762	6.5	−25 41	7.7	8.03	04	6	3	..
"	"	" "	"	8.52	05b	3	"	..	1763	6.5	−25 21	7.6	7.61	04	3	3	*33*
..	3.6	+ 1 5	..	12.32	08	2	8	..	"	"	" "	"	7.25	04b	3	"	03
..	3.8	+33 57	..	12.03	10	4	7	..	649	6.8	+ 4 32	9.3	9.65	01	3	9	..
803	3.9	+33 33	9.2	9.68	09	2	7	..	785	6.9	+57 13	6.5	6.33	08b	3	12	*24*
"	"	" "	"	9.44	10	4	"	..	"	"	" "	"	6.03	08c	3	"	06
..	4.0	+34 6	..	11.38	10	4	7	..	885	7.0	+51 12	9.2	9.63	03	6	16	..
804	4.0	+34 5	9.5	10.90	09	2	7	..	764	7.0	− 7 6	4.4	4.08	03b	2	13	06
"	"	" "	"	11.32	10	4	"	..	"	"	" "	"	4.09	03c	3	"	05
887	4.1	+45 9	7.4	7.66	05	3	1	11	"	"	" "	"	4.16	03d	1	"	*02*
"	"	" "	"	7.50	05b	3	"	27	833	7.0	−14 49	9.1	9.62	10	4	1	*01*
"	"	" "	"	7.62	07	3	"	15	886	7.1	+51 16	9.1	9.65	03	6	16	..
"	"	" "	"	7.65	07b	3	"	12	936	7.2	+50 52	9.5	9.97	03	6	16	..
..	4.1	+15 23	..	11.91	10	2	21	..	..	7.2	+ 0 58	..	13.24	08	2	8	..
590	4.2	+15 35	9.2	10.08	10	4	21	..	549	7.3	+10 21	9.0	8.96	02	2	1	16
..	4.2	+ 1 2	..	11.52	08	2	8	..	940	7.4	+50 59	8.8	8.94	03	6	16	..
..	4.4	+33 53	..	11.64	10	4	7	..	*957*	7.4	+40 6	9.1	9.68	10	2	1	*21*
..	4.5	+34 10	..	11.16	10	4	7	..	..	7.6	+51 4	..	11.00	03	6	16	..
827	4.6	+34 58	8.5	9.14	09	5	1	08	942	7.6	+50 59	9.3	9.34	03	6	16	..
"	"	" "	"	9.08	10	4	1	14	943	7.6	+50 56	9.3	9.83	03	6	16	..
1748	4.8	−25 16	7.6	8.14	04	6	3	..	1063	7.6	+48 9	4.2	4.09	05c	3	13	19
661	5.0	+14 59	8.8	8.76	02	4	1	33	"	"	" "	"	4.29	05d	3	"	*01*
"	"	" "	"	9.09	10	2	1	00	883	7.6	+44 57	8.8	9.22	05	3	1	05
707	5.1	+ 1 5	8.0	8.05	08	2	8	34	"	"	" "	"	9.20	05b	4	"	07
828	5.2	+34 8	8.9	9.70	09	2	7	..	"	"	" "	"	9.31	07	3	"	*04*
"	"	" "	"	9.47	10	4	"	..	"	"	" "	"	9.23	07b	3	"	04
1128	5.6	+50 4	8.8	8.94	03	3	1	08	"	"	" "	"	9.06	09	3	"	21
"	"	" "	"	9.06	03g	3	"	*04*	196	7.7	+74 58	8.5	8.56	05	4	1	11
566	5.6	+ 3 19	9.5	10.46	01	4	9	..	"	"	" "	"	8.68	05b	4	"	*01*
1754	5.7	−25 18	7.3	7.33	04	3	3	*30*	"	"	" "	"	8.48	07	3	"	19
"	"	" "	"	6.96	04b	3	"	07	"	"	" "	"	8.58	07b	3	"	09
929	5.9	+50 12	8.7	9.14	03	3	1	18	"	"	" "	"	8.60	08	3	18	07
"	"	" "	"	9.16	03g	3	"	16	"	"	" "	"	8.71	08b	3	"	*04*
630	5.9	+30 10	9.0	9.50	06	13	1	*04*	..	7.7	+51 5	..	11.85	03	6	16	..
1756	6.0	−25 41	8.5	9.10	04	6	3	..	..	7.7	+51 2	..	11.09	03	6	16	..
1757	6.0	−25 26	9.2	10.22	04	6	3	..	*886*	7.7	+45 7	8.8	9.30	05	3	1	02
952	6.2	+40 6	8.1	7.98	10	2	1	24	"	"	" "	"	9.45	05b	2	"	*13*
716	6.3	+ 1 46	9.3	10.13	01	3	9	..	"	"	" "	"	9.41	07	3	"	*09*
932	6.4	+50 13	8.0	8.06	03	3	1	11	"	"	" "	"	9.41	07b	3	"	*09*
"	"	" "	"	8.02	03g	3	"	15	"	"	" "	"	9.33	09	2	"	*01*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
..	4	7.7	+ 1	2	..	12.72	08	2	8	..	719	4	10.4	+ 0	23	9.3	9.51	01	3	9	..
946		7.8	+50	36	8.8	8.99	03	6	16	..	*1150*		10.7	+50	3	4.8	4.68	05c	3	13	*11*
1774		7.8	−25	53	9.0	9.74	04	6	3	..	"		"	"	"	"	4.67	05d	3	"	*10*
..		7.9	+51	1	..	11.01	03	6	16	..	841		10.7	+41	28	9.5	10.91	10	2	7	..
1776		8.0	−25	16	9.8	11.29	04	6	3	..	780		10.7	− 7	49	4.7	4.46	03b	2	13	02
951		8.1	+51	5	9.5	10.20	03	6	16	..	"		"	"	"	"	4.54	03c	2	"	*06*
"		"	"	"	"	10.44	03g	6	"	..	"		"	"	"	"	4.65	03d	1	"	*17*
888		8.1	+45	2	9.5	10.03	09	1	25	..	842		10.8	+41	15	9.5	10.17	10	2	7	..
912		8.1	+40	14	4.8	4.58	05b	1	13	31	*965*		11.0	+40	0	8.9	9.37	10	2	1	14
"		"	"	"	"	4.81	05c	3	"	08	727		11.0	+ 1	53	9.5	10.15	01	3	9	..
"		"	"	"	"	4.82	05d	2	"	07	*723*		11.0	+ 1	0	8.7	8.70	08	2	8	*01*
654		8.1	+22	27	8.3	8.22	01	8	23	*14*	844		11.2	+41	54	6.4	6.12	08b	3	12	00
"		"	"	"	"	8.08	01g	8	"	00	"		"	"	"	"	6.18	08c	3	"	*06*
651		8.1	+ 8	38	6.8	6.54	08b	3	12	*09*	..		11.2	+41	21	..	11.02	10	2	7	..
"		"	"	"	"	6.39	08c	3	"	06	607		11.2	+15	58	7.1	6.78	10	2	1	06
..		8.3	+51	11	..	11.60	03	6	16	..	724		11.4	+20	20	5.7	5.01	04b	4	13	*21*
713		8.4	+ 0	56	9.4	10.56	08	2	8	..	"		"	"	"	"	4.88	04c	4	"	*08*
652		8.5	+ 9	1	4.7	4.86	04b	3	13	12	725		11.4	+20	15	8.8	8.45	02	3	1	05
"		"	"	"	"	5.08	04c	3	"	*10*	"		"	"	"	"	8.42	07	4	"	08
714		8.5	+ 0	16	9.0	9.76	01	3	1	*23*	175		11.8	+75	14	8.5	8.67	05	3	1	00
"		"	"	"	"	9.65	01g	3	"	*12*	"		"	"	"	"	8.85	05b	3	"	*18*
898		8.6	+45	9	8.1	8.46	09	3	1	*44*	"		"	"	"	"	8.86	07	3	"	*19*
600		8.6	− 1	24	7.5	6.28	08b	3	12	06	"		"	"	"	"	8.87	07b	3	"	*20*
"		"	"	"	"	6.44	08c	3	"	*10*	*906*		11.9	+45	5	9.0	9.24	09	3	1	*07*
1781		8.6	−25	2	8.9	9.70	04	6	3	..	659		12.1	+13	36	6.5	6.85	04	1	22	17
..		8.9	+ 1	4	..	11.93	08	2	8	..	"		"	"	"	"	6.97	04b	1	"	05
1457		8.9	−28	48	7.5	7.61	04	1	1	*17*	757		12.2	−15	6	8.7	9.36	08	4	18	..
"		"	"	"	"	7.78	04b	1	"	*34*	"		"	"	"	"	9.81	08b	4	"	..
893		9.0	+51	7	8.6	9.05	03	6	16	..	938		12.3	+42	9	7.1	7.31	09	4	7	*43*
551		9.1	+10	27	7.8	7.22	02	2	1	*11*	609		12.6	+15	51	9.0	10.05	10	4	21	..
656		9.1	+ 4	55	9.5	9.32	04	1	25	..	915		12.8	+45	12	9.4	9.66	04	1	25	..
610		9.3	+21	50	8.8	8.67	01	10	23	*06*	558		13.0	+ 9	15	7.3	6.56	08b	3	12	*07*
"		"	"	"	"	8.47	01g	10	"	14	"		"	"	"	"	6.54	08c	3	"	*05*
573		9.4	+ 3	32	9.5	9.58	01	3	9	..	399		13.1	+65	15	9.2	9.37	02	1	25	..
..		9.4	+ 1	3	..	12.76	08	2	8	..	..		13.1	+42	5	..	12.08	09	4	7	..
666		9.7	+ 2	19	9.3	10.03	01	3	9	..	*1160*		13.2	+50	1	9.0	9.24	03	3	1	*47*
..		9.8	+ 1	2	..	12.46	08	2	8	..	"		"	"	"	"	9.20	03g	3	"	*43*
746		9.8	−14	54	8.9	9.35	06	6	1	*09*	850		13.2	+41	54	9.4	9.96	09	4	7	..
"		"	"	"	"	9.58	08	4	"	*32*	917		13.3	+45	12	9.0	9.08	09	3	1	31
"		"	"	"	"	9.96	08b	4	"	*70*	..		13.3	+42	3	..	10.98	09	4	7	..
"		"	"	"	"	9.50	10	4	"	*24*	934		13.3	+40	16	8.8	9.56	10	2	1	*09*
662		10.0	+ 4	27	9.4	10.02	01	4	9	..	*729*		13.3	+ 1	3	8.7	8.43	08	1	8	41
..		10.1	+41	34	..	12.02	10	2	7	..	852		13.4	+41	35	6.5	6.09	08b	3	12	03
..		10.1	+41	30	..	12.05	10	2	7	..	"		"	"	"	"	6.05	08c	3	"	07
603		10.1	+15	9	6.3	6.25	08	3	18	10	"		"	"	"	"	6.04	09	4	7	08
"		"	"	"	"	6.31	08b	3	"	04	..		13.5	+42	8	..	11.07	09	5	7	..
657		10.1	+ 8	39	4.5	4.50	04b	2	13	*18*	..		13.6	+42	0	..	11.45	09	5	7	..
"		"	"	"	"	4.26	04c	3	"	06	683		13.8	+ 2	27	9.0	9.35	01	3	9	..
"		"	"	"	"	4.35	04d	1	"	*03*	854		13.9	+41	57	9.1	9.60	09	4	7	..
..		10.4	+41	20	..	12.11	10	2	7	..	757		13.9	+31	44	6.3	6.10	08b	3	12	25

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	4 13.9	+31 44	6.3	6.36	08c	3	12	*01*
586	13.9	+ 3 19	9.3	9.71	01	3	9	..
731	13.9	+ 0 39	9.5	10.38	01	3	9	..
700	14.0	+19 17	9.4	10.08	07	4	4	..
831	14.0	−20 57	6.2	6.51	08b	3	12	*15*
"	"	" "	"	6.64	08c	3	"	*28*
612	14.1	+15 23	3.8	3.83	04c	3	13	03
"	"	" "	"	3.89	04d	3	"	*03*
867	14.1	−14 47	9.5	9.84	06	6	1	*28*
941	14.2	+42 13	9.5	10.62	09	4	7	..
..	14.2	+19 18	..	12.44	07	4	4	..
562	14.2	+ 9 53	6.5	6.44	08b	3	12	18
"	"	" "	"	6.53	08c	3	"	09
872	14.3	+46 16	5.1	4.74	05b	1	13	15
"	"	" "	"	4.89	05c	3	"	00
"	"	" "	"	4.84	05d	2	"	05
856	14.3	+41 52	9.0	9.56	07	4	17	..
"	"	" "	"	9.88	07b	4	"	..
"	"	" "	"	9.50	09	4	7	..
701	14.4	+19 23	9.3	9.84	07	4	4	..
623	14.4	+18 59	7.9	7.61	02	6	4	..
"	"	" "	"	7.19	02g	1	"	..
674	14.5	+ 4 33	9.4	10.38	01	3	9	..
736	14.5	+ 1 34	9.1	10.10	01	3	9	..
..	14.8	+19 13	..	11.69	07	4	4	..
..	15.0	+19 16	..	11.00	02	6	4	..
"	"	" "	"	11.39	02g	1	"	..
"	"	" "	"	11.00	07	4	"	..
665	15.2	+13 38	6.5	6.00	08b	3	12	14
"	"	" "	"	6.18	08c	3	"	*04*
..	15.3	+19 24	..	12.88	02	14	4	..
..	15.3	+19 21	..	10.72	02	6	4	..
"	"	" "	"	11.39	02g	1	"	..
"	"	" "	"	10.80	07	4	"	..
643	15.4	+28 11	9.2	9.56	09	4	7	..
672	15.4	+ 8 59	7.0	6.47	08b	3	12	*02*
"	"	" "	"	6.53	08c	3	"	*08*
700	15.5	+29 58	8.2	8.72	06	12	1	04
"	"	" "	"	8.83	06b	1	"	*07*
"	"	" "	"	8.58	09	2	"	18
402	15.6	+65 9	9.1	9.30	02	2	1	25
767	15.6	−15 0	9.2	9.96	06	6	1	14
644	15.7	+28 28	9.5	11.90	09	4	7	..
563	15.7	+10 18	8.5	8.32	02r	5	1	*05*
"	"	" "	"	8.40	05	1	"	*13*
734	15.8	+ 0 57	8.2	8.14	08	1	8	*27*
..	15.9	+19 15	..	12.34	02	15	4	..
704	15.9	+19 13	8.7	8.25	02	6	4	*01*
"	"	" "	"	8.38	02g	1	"	*14*
687	15.9	+14 11	7.4	6.92	04	1	22	*21*
	h. m.	° ′						
659	4 16.0	+30 12	8.8	9.02	09	2	1	09
646	16.0	+28 44	9.4	9.71	09	4	7	..
883	16.1	− 5 47	8.5	8.88	10	4	7	..
592	16.5	+ 3 43	8.2	8.13	10	4	7	..
946	16.6	+42 12	6.5	6.16	08b	3	12	*18*
"	"	" "	"	5.89	08c	3	"	09
649	16.9	+28 49	8.8	8.63	09	4	7	..
689	17.0	+14 41	8.5	8.33	04	3	22	..
888	17.0	− 5 43	9.5	11.26	10	4	7	..
690	17.1	+14 51	7.8	7.18	02	4	1	*09*
"	"	" "	"	7.01	05	1	"	08
"	"	" "	"	7.16	07	3	"	*07*
712	17.2	+17 18	3.7	3.90	04c	3	13	03
"	"	" "	"	3.95	04d	3	"	*02*
749	17.5	+20 13	9.0	9.25	02	3	1	05
"	"	" "	"	9.16	07	4	"	14
708	17.5	+19 26	9.0	9.14	02	6	4	18
"	"	" "	"	9.51	02g	1	"	*19*
710	17.6	+19 35	9.4	10.04	02	6	4	..
"	"	" "	"	10.62	02g	1	"	..
890	17.6	− 5 34	9.4	10.64	10	4	7	..
740	17.8	+ 0 30	9.5	10.48	01	3	9	..
596	17.9	+ 3 46	8.5	7.91	10	4	7	..
697	17.9	+ 2 22	9.5	10.12	01	3	9	..
952	18.1	+40 11	9.0	9.80	10	2	1	*08*
660	18.2	+30 13	9.0	9.50	09	2	1	*24*
692	18.2	+14 11	9.0	8.70	04	3	22	..
741	18.2	+ 0 16	9.0	9.02	01	4	1	21
"	"	" "	"	9.06	01g	3	"	17
714	18.4	+17 13	4.8	4.83	04b	3	13	01
"	"	" "	"	4.84	04c	3	"	00
897	18.6	− 5 48	9.1	9.64	10	4	7	..
800	18.7	+57 22	6.9	6.21	08b	3	12	02
"	"	" "	"	6.12	08c	3	"	11
598	18.7	+ 3 27	9.5	10.26	01	3	9	..
748	18.7	+ 1 46	9.3	10.30	01	3	9	..
684	19.0	+ 4 24	9.5	9.90	01	3	9	..
633	19.1	+18 49	6.5	6.20	08b	3	12	*24*
"	"	" "	"	5.92	08c	3	"	04
599	19.1	+ 3 30	9.3	9.21	10	4	7	..
600	19.2	+ 3 42	9.5	9.86	10	4	7	..
205	19.3	+75 4	8.8	8.65	05	3	1	12
"	"	" "	"	8.96	05b	3	"	*19*
"	"	" "	"	8.64	07	3	"	13
"	"	" "	"	8.84	07b	3	"	*07*
642	19.4	+22 4	4.3	4.43	04b	4	13	*07*
"	"	" "	"	4.28	04c	4	"	08
901	19.4	− 5 44	8.8	8.85	10	4	7	..
719	19.7	+17 42	4.7	4.54	04b	2	13	*30*
"	"	" "	"	4.21	04c	3	"	03

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	4 19.7	+17 42	4.7	4.14	04d	1	13	10	584	4 22.6	+ 9 50	7.8	7.56	02	8	R	*12*
621	20.0	+15 43	6.8	6.50	08b	3	12	*11*	"	"	" "	"	7.73	05	1	"	*29*
"	"	" "	"	6.52	08c	3	"	*13*	412	22.7	+65 8	9.2	9.08	02	1	25	. .
696	20.3	+22 35	4.5	4.40	04b	4	13	00	760	22.7	+20 37	8.8	8.63	01	14	23	*06*
"	"	" "	"	4.39	04c	4	"	01	"	"	" "	"	8.52	01g	13	"	05
623	20.4	+15 49	9.5	9.91	02	4	4	. .	640	22.8	+18 58	3.7	3.52	04c	3	13	11
"	"	" "	"	10.42	02g	1	"	. .	"	"	" "	"	3.77	04d	3	"	*14*
"	"	" "	"	10.54	05	2	"	. .	631	22.8	+15 44	4.0	4.01	04c	3	13	03
624	20.4	+15 17	7.7	7.75	02	3	1	*32*	"	"	" "	"	4.04	04d	4	"	00
"	"	" "	"	7.79	07	4	"	*36*	. .	22.8	+ 9 43	. .	11.27	02	6	5	. .
625	20.6	+15 23	5.0	4.68	04b	3	13	*08*	2343	22.8	−24 18	6.2	6.50	08b	3	12	*36*
"	"	" "	"	4.45	04c	3	"	15	"	"	" "	"	6.60	08c	3	"	*46*
690	20.7	+ 4 54	8.0	7.46	01	2	1	*21*	632	22.9	+15 39	4.0	3.44	04c	3	13	18
"	"	" "	"	7.43	01g	3	"	*18*	"	"	" "	"	3.49	04d	3	"	13
911	20.7	− 4 58	8.0	8.24	10	4	1	*19*	755	22.9	+ 1 38	6.5	5.96	01gr	1	1	16
697	20.9	+14 29	5.0	4.57	04b	3	13	37	"	"	" "	"	5.84	01ir	1	"	28
"	"	" "	"	4.96	04c	3	"	*02*	"	"	" "	"	5.92	01gi	1	"	20
. .	20.9	+ 1 37	. .	10.92	01	3	9	. .	"	"	" "	"	6.06	08b	3	12	06
687	21.0	+ 8 22	6.5	6.18	08b	3	12	*19*	"	"	" "	"	6.28	08c	3	"	*16*
"	"	" "	"	6.01	08c	3	"	*02*	761	22.9	+ 0 8	9.3	10.55	01	1	9	. .
750	21.1	+ 1 37	9.5	9.61	01	3	9	. .	762	22.9	+ 0 9	9.0	9.60	01	3	1	*12*
756	21.1	+ 0 21	9.5	10.53	01	3	9	. .	"	"	" "	"	9.56	01g	2	"	*08*
721	21.2	+19 37	7.8	7.62	02	3	1	08	. .	23.1	+16 4	. .	10.68	02	5	4	. .
"	"	" "	"	7.71	07	4	"	*01*	"	"	" "	"	10.88	05	2	"	. .
692	21.3	+ 4 21	9.0	9.35	01	3	9	. .	. .	23.2	+15 46	. .	11.88	02	6	4	. .
707	21.3	+ 2 26	9.0	9.54	01	4	9	. .	"	"	" "	"	12.38	05	4	"	. .
715	21.4	+30 0	9.0	9.44	09	2	1	02	. .	23.2	+ 9 51	. .	12.16	02	5	5	. .
602	21.5	+ 3 15	9.1	9.97	01	3	9	. .	633	23.3	+15 57	6.5	6.72	02	2	4	*14*
. .	21.7	+15 43	. .	12.05	02	5	4	. .	"	"	" "	"	6.72	02g	2	"	*14*
"	"	" "	"	12.36	05	4	"	. .	"	"	" "	"	6.79	05	2	"	*21*
603	21.8	+ 4 3	8.9	8.95	10	4	7	. .	. .	23.3	+ 9 43	. .	13.00	02r	9	5	. .
753	21.8	+ 1 52	6.3	6.79	01i	3	1	*42*	757	23.4	+ 1 9	5.7	5.86	01i	3	1	*36*
"	"	" "	"	6.48	01gi	1	"	*11*	"	"	" "	"	5.80	01gi	1	"	*30*
"	"	" "	"	6.28	08b	3	12	09	. .	23.6	+ 9 39	. .	11.69	02	6	5	. .
"	"	" "	"	6.38	08c	3	"	*01*	457	23.7	+64 46	7.9	7.64	02	3	1	*24*
626	21.9	+15 49	9.3	10.27	02	4	4	. .	305	23.8	+70 8	7.8	8.18	02	3	1	*19*
"	"	" "	"	10.83	05	2	"	. .	1011	23.9	+39 36	8.5	8.98	07	4	17	. .
627	21.9	+15 21	8.2	7.55	02	3	4	. .	"	"	" "	"	9.06	07b	4	"	. .
"	"	" "	"	7.81	05	2	"	. .	688	23.9	+13 41	7.5	7.82	04	2	22	*06*
. .	22.0	+15 46	. .	11.38	02	4	4	. .	"	"	" "	"	7.80	04b	1	"	*04*
. .	"	" "	"	11.60	05	2	"	. .	846	23.9	− 4 50	8.9	9.37	10	4	1	08
581	22.3	+10 5	9.4	10.23	02	6	5	. .	806	24.2	+32 14	6.5	5.99	08b	3	12	20
582	22.3	+ 9 14	9.1	9.36	02	6	5	. .	"	"	" "	"	6.08	08c	3	"	11
456	22.4	+65 2	8.8	9.24	02	2	1	*14*	609	24.2	+16 26	9.3	8.88	02	4	4	. .
583	22.4	+ 9 47	8.3	8.22	02	6	5	*09*	"	"	" "	"	9.40	05	2	"	. .
665	22.5	+30 9	6.0	6.30	08	2	18	*04*	. .	24.3	+ 9 47	. .	12.16	02r	10	5	. .
"	"	" "	"	6.38	08b	3	"	*12*	589	24.3	+ 9 44	9.5	10.26	02	6	5	. .
"	"	" "	"	6.24	08c	1	"	02	722	24.3	+ 2 13	9.5	11.03	01	3	9	. .
630	22.6	+16 5	8.7	8.33	02	4	4	. .	731	24.4	+19 37	7.7	7.26	02	2	1	*11*
"	"	" "	"	8.62	05	2	"	. .	"	"	" "	"	7.29	02g	1	"	*14*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	4 24.4	+19 37	7.7	7.16	07	2	1	*01*	867	4 29.2	− 4 46	8.3	8.64	10	4	1	*04*
590	24.5	+10 3	7.0	6.71	02	1	5	..	620	29.3	+ 3 29	9.3	10.25	01	3	9	..
"	"	" "	"	6.68	02g	2	"	..	732	29.3	+ 2 7	9.5	10.29	01	3	9	..
"	"	" "	"	6.88	02i	2	"	..	*723*	29.4	+ 0 2	9.3	10.43	01	3	9	..
698	24.5	+ 4 28	9.5	10.18	01	3	9	..	841	29.4	− 7 2	6.5	5.96	08b	3	12	46
700	24.6	+ 5 4	8.7	8.23	01	4	1	03	"	"	" "	"	6.27	08c	3	"	15
"	"	" "	"	8.18	01g	4	"	08	421	29.5	+65 43	9.0	9.58	02	6	4	..
"	"	" "	"	8.50	10	4	1	*24*	711	29.5	+ 4 52	9.0	9.22	10	4	1	08
637	24.8	+15 59	5.0	4.78	04b	3	13	06	..	29.6	+65 55	..	12.69	02	6	4	..
"	"	" "	"	4.85	04c	3	"	*01*	713	29.6	+ 4 27	9.5	9.86	01	3	9	..
851	24.8	− 4 49	8.0	8.10	10	4	1	30	..	29.7	+66 3	..	13.16	02	9	4	..
588	25.5	+10 32	7.8	7.10	02	5	1	02	*1000*	29.7	+41 4	5.0	4.42	04b	1	13	04
"	"	" "	"	7.16	05	1	"	*04*	"	"	" "	"	4.71	04c	1	"	*25*
589	25.5	+10 13	9.2	9.28	02	6	5	..	"	"	" "	"	4.06	05c	2	"	40
762	25.6	+ 1 13	9.3	10.44	01	3	9	..	"	"	" "	"	4.16	05d	2	"	30
896	25.6	−13 49	6.8	6.21	08b	3	12	16	*265*	29.8	+70 5	8.0	8.49	02	3	1	10
"	"	" "	"	6.37	08c	3	"	00	..	29.8	+66 0	..	12.05	02	6	4	..
776	25.9	+ 0 16	9.3	10.30	01	3	9	..	773	29.9	+ 1 7	9.3	10.29	01	3	9	..
613	26.4	+ 3 27	9.5	10.54	01	3	9	..	..	30.2	+66 0	..	11.51	02	6	4	..
713	26.8	− 0 16	5.0	4.86	03b	1	13	11	629	30.2	+16 19	1.1	1.35	04c	1	13	*29*
"	"	" "	"	5.31	03c	1	"	*34*	"	"	" "	"	1.08	04d	3	"	*02*
"	"	" "	"	4.88	04b	2	"	09	607	30.2	+ 9 57	4.3	4.48	04b	2	13	*10*
"	"	" "	"	5.24	04c	2	"	*27*	"	"	" "	"	4.42	04c	3	"	*04*
859	26.8	− 4 48	9.1	10.00	10	4	1	*15*	"	"	" "	"	4.55	04d	1	"	*17*
904	26.9	−13 52	6.7	6.44	08b	3	12	*33*	..	30.5	+65 56	..	12.06	02	6	4	..
"	"	" "	"	6.29	08c	3	"	*18*	715	30.5	+23 9	6.5	6.03	08b	3	12	01
1025	27.2	+39 54	9.0	9.15	00	1	25	..	"	"	" "	"	6.00	08c	3	"	04
720	27.3	+30 0	9.3	9.66	09	2	1	00	717	30.6	+ 4 54	8.7	8.56	10	4	1	09
647	27.3	+15 36	8.6	8.66	00	1	22	..	*671*	30.7	+ 8 1	8.2	7.58	08	4	4	..
750	27.8	+17 48	6.5	6.09	08b	3	12	15	211	30.8	+74 55	9.5	10.11	06	8	4	..
"	"	" "	"	5.99	08c	3	"	25	830	31.0	− 3 49	6.2	6.50	08b	3	12	*21*
720	28.2	+14 38	5.4	4.95	04b	3	13	*20*	"	"	" "	"	6.37	08c	3	"	*08*
"	"	" "	"	4.76	04c	3	"	*01*	..	31.3	+75 7	..	11.47	06	7	4	..
721	28.3	+14 57	8.5	8.64	00	17	1	00	..	31.3	+66 0	..	13.20	02	8	4	..
"	"	" "	"	8.42	02	2	"	22	*726*	31.3	+15 4	7.5	7.63	02	1	1	*34*
"	"	" "	"	8.58	05	1	"	06	"	"	" "	"	7.07	02g	1	"	22
595	28.3	+10 19	8.2	7.90	02b	5	1	*04*	"	"	" "	"	7.51	04	4	22	*22*
"	"	" "	"	7.90	05	1	"	*04*	"	"	" "	"	7.90	05	1	1	*61*
596	28.4	+10 9	9.1	8.68	02	5	1	14	834	31.3	− 3 33	3.5	4.16	03b	1	13	*04*
"	"	"	"	8.95	05	1	"	*13*	"	"	" "	"	4.07	03c	1	"	05
..	28.5	+66 7	..	9.82	02	6	4	..	"	"	" "	"	4.05	04b	2	"	07
..	28.5	+65 59	..	11.06	02	6	4	..	"	"	" "	"	3.87	04c	2	"	25
417	28.6	+66 1	9.5	10.10	02	6	4	..	..	31.4	+74 56	..	11.67	06	7	4	..
418	28.6	+66 3	9.4	10.62	02	6	4	..	688	31.5	+ 5 10	8.3	8.28	08	4	1	33
467	28.6	+65 4	8.7	9.07	02	3	1	*12*	"	"	" "	"	8.50	10	4	"	11
..	28.7	+66 11	..	11.60	02	6	4	..	729	31.8	+14 6	8.7	8.70	04	3	22	..
900	28.7	−11 0	6.5	6.03	08b	3	12	21	728	31.9	+14 57	7.9	7.69	02	2	1	10
"	"	" "	"	6.24	08c	3	"	00	"	"	" "	"	7.86	04	2	22	*07*
..	28.9	+65 50	..	12.92	02	6	4	..	"	"	" "	"	7.86	05	1	1	*07*
419	28.9	+65 34	9.2	8.96	02	6	4	..	730	32.0	+14 18	9.3	9.66	01	6	22	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	4 32.0	+14 18	9.3	9.75	01g	6	"	..	813	4 34.4	+ 0 17	9.5	10.86	01	3	9	..
"	"	" "	"	9.38	03	6	"	..	689	34.7	− 1 15	7.7	6.20	08b	3	12	*02*
"	"	" "	"	10.01	03b	4	"	..	"	"	" "	"	6.15	08c	3	"	03
"	"	" "	"	9.78	03g	2	"	..	636	34.8	+ 3 22	9.3	9.92	01	3	9	..
689	32.0	+ 5 16	9.0	9.72	08	4	1	19	..	34.8	+ 1 6	..	11.34	08	2	8	..
"	"	" "	"	9.98	10	4	"	*07*	*954*	35.0	+38 5	6.2	5.78	08b	3	12	04
..	32.1	+66 1	..	11.06	02	1	25	..	"	"	" "	"	5.94	08c	3	"	*12*
727	32.1	+ 8 10	9.0	8.70	08	4	4	..	..	35.0	+ 1 4	..	10.89	08	2	8	..
798	32.1	+ 0 48	5.7	5.62	01i	4	1	*30*	..	35.1	+74 57	..	11.11	06	6	4	..
..	32.2	+65 56	..	12.79	02	6	4	..	*816*	35.1	+ 1 3	9.5	9.94	08	2	8	..
..	32.2	+ 8 7	..	10.58	08	4	4	..	699	35.4	+ 5 7	9.0	9.98	08	4	1	*27*
674	32.2	+ 8 2	9.5	10.01	08	4	4	..	*215*	35.5	+75 5	9.5	10.57	06	6	4	..
799	32.2	+ 1 3	8.9	8.96	08	1	8	*12*	802	35.5	+20 43	8.8	8.36	05	3	22	..
731	32.4	+26 45	7.0	6.64	08b	3	12	*15*	"	"	" "	"	8.55	05b	3	"	..
"	"	" "	"	6.61	08c	3	"	*12*	700	35.5	+ 5 7	8.5	8.62	08	4	1	*01*
..	32.4	+15 9	..	13.07	03	11	14	..	271	35.7	+69 54	9.0	8.93	02	3	1	*09*
..	32.4	+ 8 13	..	10.80	08	4	4	..	735	35.7	+14 39	8.7	8.86	00	5	22	*22*
..	32.6	+41 23	..	10.90	08	8	24	..	"	"	" "	"	8.60	01	6	"	04
618	32.6	+12 19	4.0	4.34	04b	2	13	*04*	"	"	" "	"	8.59	01g	6	"	05
"	"	" "	"	4.46	04c	3	"	*16*	"	"	" "	"	8.66	03	6	"	*02*
"	"	" "	"	4.30	04d	1	"	00	"	"	" "	"	8.64	03b	4	"	00
..	32.6	+ 8 4	..	10.89	08	4	4	..	"	"	" "	"	8.57	03g	2	1	07
804	32.6	+ 0 56	9.5	9.38	08	1	8	..	..	36.0	+ 0 59	..	10.43	08	1	8	..
..	32.7	+ 8 3	..	11.44	08	4	4	..	1026	36.1	+40 11	8.5	8.85	09	3	1	*13*
343	32.8	+66 32	8.8	8.44	02	6	4	..	988	36.1	−19 52	4.5	4.46	03b	1	13	08
"	"	" "	"	8.52	02g	1	"	..	"	"	" "	"	4.73	03c	3	"	*19*
728	32.8	+ 8 30	8.0	7.24	08	4	4	..	"	"	" "	"	4.76	03d	2	"	*22*
..	32.8	+ 8 1	..	11.10	08	4	4	..	739	36.2	+22 46	4.7	4.47	04b	3	13	*14*
929	32.9	+41 17	9.5	10.22	08	4	25	..	"	"	" "	"	4.17	04c	3	"	16
..	33.0	+74 54	..	12.33	06	7	4	..	*272*	36.4	+70 4	8.5	8.14	02	3	1	25
..	33.0	+15 5	..	13.02	03	2	14	..	799	36.5	+ 1 6	8.9	8.88	08	2	8	16
..	33.0	+ 8 12	..	11.84	08	4	4	..	..	36.8	+74 56	..	9.87	06	6	4	..
731	33.2	+14 29	9.4	10.20	00	4	22	..	*1052*	36.8	+40 2	8.9	9.00	09	3	1	27
678	33.2	+ 7 58	8.2	7.67	08	4	4	..	732	36.9	+23 40	9.4	9.36	04	5	22	..
619	33.3	+ 9 59	9.0	8.63	02	3	1	24	808	37.1	+20 27	8.5	8.43	05	3	22	..
..	33.3	+ 8 14	..	12.88	08	4	4	..	"	"	" "	"	8.58	05b	3	"	..
729	33.3	+ 8 8	9.2	9.50	08	4	4	..	617	37.2	+10 5	9.3	9.85	00	1	25	..
666	33.5	+15 43	5.3	4.56	04b	3	13	29	827	37.3	+32 41	6.5	6.31	08b	3	12	14
"	"	" "	"	4.84	04c	3	"	01	"	"	" "	"	6.39	08c	3	"	06
726	33.5	+ 4 18	9.5	10.39	01	3	9	..	738	37.3	+14 37	6.7	6.78	04	2	22	*01*
933	33.6	−14 30	4.0	4.24	03b	1	13	*26*	670	37.4	+15 18	7.5	8.11	01	3	1	03
"	"	" "	"	3.83	03c	2	"	15	"	"	" "	"	8.05	04	3	22	09
"	"	" "	"	3.92	03d	1	"	06	828	37.5	+ 0 25	9.5	10.30	01	3	9	..
213	33.7	+74 45	8.5	8.59	06r	6	4	..	..	37.6	+23 31	..	11.23	04	6	22	..
..	33.8	+ 1 1	..	11.62	08	2	8	..	..	37.6	+ 1 3	..	11.32	08	2	8	..
811	34.0	+ 0 7	8.8	8.76	01	3	1	12	801	37.8	+ 1 34	9.5	10.51	01	3	9	..
"	"	" "	"	8.80	01	4	"	08	830	37.8	+ 0 56	7.6	8.12	08	1	8	*13*
791	34.2	+ 1 30	9.5	10.54	01	3	9	..	647	38.0	+ 3 25	9.5	10.98	01r	2	9	..
"	"	" "	"	10.90	01g	1	"	..	*217*	38.1	+75 3	9.0	8.45	06	7	4	32
745	34.4	+ 2 15	9.5	10.96	01	3	9	..	*738*	38.1	+ 5 4	8.0	8.19	01	3	1	*18*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1990.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	4 38.1	+ 5 4	8.0	7.96	01g	3	1	05	..	4 41.6	+ 3 31	..	11.65	01	2	9	..
"	"	" "	"	8.06	08	4	1	*05*	702	41.8	+21 59	8.6	8.10	08	8	24	..
739	38.1	+ 4 35	9.3	9.94	01	3	9	..	668	41.8	+ 3 30	9.5	10.41	01	2	9	..
737	38.2	+23 45	9.5	10.73	04	6	22	..	920	42.0	+46 12	9.4	9.63	09	4	20	..
740	38.2	+ 4 47	8.3	7.73	04	1	25	..	*757*	42.1	+15 0	8.7	9.06	01	3	1	*17*
692	38.4	+21 28	8.5	8.27	05	3	22	..	*861*	42.1	−14 56	9.0	9.86	10	4	1	*15*
"	"	" "	"	7.99	05b	3	"	..	157	42.3	+79 58	9.3	9.34	06	6	7	..
638	38.4	+12 48	8.0	7.70	04	3	22	..	910	42.3	+34 30	9.5	10.60	08	4	25	..
755	38.5	+ 2 50	9.4	10.35	01	3	9	..	850	42.3	+ 0 58	9.3	9.82	08	2	8	..
1016	38.6	+44 54	8.6	8.99	08	3	18	..	851	42.4	+ 0 58	9.5	11.06	08	2	8	..
"	"	" "	"	9.01	08b	3	"	..	280	42.5	+69 52	9.0	9.00	02	3	4	*16*
745	39.0	+14 27	8.0	7.89	04	3	22	..	1061	42.6	+42 9	9.5	11.00	09	4	7	..
1039	39.1	+40 14	9.0	9.61	09	3	1	*34*	1062	42.7	+42 9	9.4	10.70	09	4	7	..
323	39.4	+70 9	9.4	9.80	99	2	25	..	911	42.7	+34 49	8.8	8.60	08	8	24	..
1018	39.5	+45 0	9.2	9.47	08	3	1	05	1063	42.8	+42 23	8.6	8.82	09	4	7	..
"	"	" "	"	9.56	08b	3	"	*04*	755	42.8	+22 12	9.5	10.10	08	4	25	..
"	"	" "	"	9.66	09	4	"	*14*	..	43.3	+80 4	..	11.26	06	6	7	..
739	39.7	+23 27	7.0	6.20	08b	3	12	*03*	681	43.5	+ 3 25	7.0	6.10	01g	2	1	10
"	"	" "	"	6.34	08c	3	"	*17*	"	"	" "	"	6.74	01i	1	"	*54*
353	40.0	+66 21	7.7	7.64	02	4	4	..	925	43.7	+46 6	8.4	8.50	09	4	20	..
"	"	" "	"	7.37	02g	3	"	..	*954*	43.7	−15 55	9.3	10.20	10	4	7	..
648	40.3	+10 5	9.2	9.22	02	3	1	*10*	1066	43.8	+42 32	9.2	9.37	09	4	7	..
433	40.4	+65 5	9.0	8.75	02	3	1	35	1067	43.8	+42 9	9.0	9.17	09	4	7	..
985	40.4	+45 7	9.0	9.97	09	4	1	*25*	1068	43.8	+42 49	8.9	8.63	09	4	7	..
1021	40.4	+45 0	9.2	9.82	09	4	1	*60*	991	43.9	+45 32	9.4	9.69	09	4	20	..
719	40.4	+18 33	6.5	5.95	08b	3	12	18	687	44.0	+15 43	6.5	6.13	08b	3	12	21
"	"	" "	"	6.27	08c	2	"	*14*	"	"	" "	"	6.32	08c	3	"	02
876	40.5	− 3 26	3.5	4.28	03b	1	13	*10*	358	44.1	+66 10	5.0	4.30	05c	4	13	08
"	"	" "	"	3.93	03c	1	"	25	"	"	" "	"	4.24	05d	4	"	14
"	"	" "	"	4.24	04b	2	"	*06*	688	44.3	+15 28	9.5	11.46	08	2	25	..
"	"	" "	"	4.09	04c	2	"	09	"	"	" "	"	11.06	09	2	"	..
1065	40.8	+40 3	8.5	8.67	09	3	1	*15*	992	44.4	+45 41	6.5	6.83	09	4	20	29
751	40.8	+14 21	8.3	7.80	04	4	22	..	762	44.4	+ 6 47	3.3	3.35	04c	3	13	*04*
"	"	" "	"	8.12	04b	4	"	..	"	"	" "	"	3.37	04d	3	"	*06*
"	"	" "	"	7.89	05	1	"	..	791	44.5	+17 21	9.0	8.99	02	6	4	*15*
"	"	" "	"	7.87	05b	1	"	..	*657*	44.6	+17 2	7.0	7.28	02	6	4	*06*
1051	41.0	+40 7	9.0	9.48	09	3	1	14	..	44.7	+80 2	..	10.44	06	6	7	..
840	41.0	+ 0 31	9.5	10.51	01	3	9	..	*865*	44.7	+ 1 1	9.0	9.09	08	1	8	*05*
842	41.1	+ 1 3	9.2	8.80	08	2	8	11	691	44.9	+15 37	9.4	9.26	08	4	24	..
818	41.2	+ 1 43	9.5	9.78	01	3	9	..	"	"	" "	"	9.00	09	4	"	.
989	41.3	+45 39	9.5	10.38	09	4	20	..	871	45.0	−15 47	8.5	8.44	10	4	7	..
884	41.4	− 3 8	7.2	6.40	08b	3	12	*11*	994	45.1	+45 25	9.5	10.44	09	4	20	..
"	"	" "	"	6.38	08c	3	"	*09*	777	45.1	+ 8 44	5.0	4.34	04b	2	13	01
769	41.5	+ 2 18	9.3	9.78	01	3	9	..	"	"	" "	"	4.25	04c	3	"	10
..	41.5	+ 1 5	..	11.17	08	2	8	..	"	"	" "	"	3.97	04d	1	"	38
1059	41.6	+42 25	8.4	8.33	09	4	7	..	..	45.2	+80 3	..	11.24	06	6	7	..
651	41.6	+ 9 52	7.5	7.39	02	3	1	*07*	891	45.2	+52 39	7.2	6.18	08b	3	12	16
751	41.6	+ 4 27	9.5	10.21	01	3	9	..	"	"	" "	"	6.25	08c	3	"	09
752	41.6	+ 5 1	9.0	9.06	01	3	1	14	873	45.3	−15 53	9.5	10.58	10	4	7	..
"	"	" "	"	9.26	01g	3	"	*06*	..	45.4	+17 8	..	11.50	02	6	4	..

DM.	R.A. 1900.	Dec. 1990.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
793	4 45.5	+17 12	9.2	9.34	02	6	4	. .
. .	45.6	+17 14	. .	10.91	02	6	4	. .
796	45.9	+17 18	9.4	9.84	02	6	4	. .
. .	45.9	+17 7	. .	11.18	02	6	4	. .
745	45.9	+ 5 26	4.0	3.49	04c	3	13	29
“	“	“ “	“	3.51	04d	3	“	27
789	45.9	+ 2 35	9.5	10.50	01	4	9	. .
. .	46.0	+17 14	. .	12.44	01	6	4	. .
689	46.1	+ 3 25	9.5	10.54	01	5	9	. .
“	“	“ “	“	10.60	01g	1	“	. .
. .	46.1	+ 2 31	. .	10.98	01	2	9	. .
996	46.2	+45 46	9.5	10.57	09	4	20	. .
799	46.2	+17 28	9.5	9.86	02	6	4	. .
728	46.2	+13 29	6.8	6.76	04r	2	22	*06*
874	46.2	+ 0 36	9.3	9.99	01	3	9	. .
874	46.2	−15 44	8.5	8.07	10	4	7	. .
. .	46.4	+17 32	. .	12.44	01	6	4	. .
. .	46.4	+17 26	. .	12.48	01	5	4	. .
764	46.4	+ 4 27	9.0	9.03	01	3	9	. .
831	46.5	+ 1 20	9.5	9.97	01	3	9	. .
. .	46.6	+17 32	. .	12.52	01	6	4	. .
800	46.7	+19 57	8.8	8.58	01	3	1	17
. .	46.7	+17 21	. .	12.36	01	7	4	. .
876	46.7	−15 51	9.4	10.60	.10	4	7	. .
802	46.8	+17 11	9.0	9.24	01	12	4	*16*
“	“	“ “	“	9.27	02	15	“	*19*
“	“	“ “	“	9.11	02g	3	“	*03*
998	47.0	+45 42	8.8	9.30	09	4	20	. .
981	47.0	−14 45	7.8	8.04	10	4	1	12
972	47.1	−15 57	9.0	9.42	10	4	7	. .
999	47.3	+45 31	7.9	8.03	09r	3	20	14
793	47.7	− 0 3	8.4	9.05	08	3	18	*17*
“	“	“ “	“	9.28	08b	3	“	*40*
883	47.8	−15 3	8.0	8.24	10	4	1	26
1068	48.0	− 5 37	4.3	4.42	03b	2	13	03
“	“	“ “	“	4.62	03c	2	“	*17*
“	“	“ “	“	4.37	04b	1	“	08
“	“	“ “	“	4.53	04c	1	“	*08*
838	48.1	+20 9	9.0	9.74	01	3	1	*24*
159	48.2	+80 28	8.6	8.94	07	2	25	. .
“	“	“ “	“	8.94	07b	2	“	. .
800	48.2	+ 2 20	5.0	6.37	01i	3	1	*70*
332	48.3	+70 6	9.3	10.71	99	1	25	. .
664	48.3	+16 54	7.5	7.35	02	6	4	*23*
668	48.4	+10 11	9.0	8.84	02	3	1	18
889	48.5	+ 0 5	9.0	9.44	01	4	1	*01*
“	“	“ “	“	9.46	01g	4	“	*03*
160	48.7	+80 19	9.5	9.96	07	2	17	. .
“	“	“ “	“	10.16	07b	2	“	. .
847	48.8	+ 1 25	7.5	6.68	01g	2	1	*23*
847	4 48.8	+ 1 25	7.5	6.66	01i	1	1	*21*
“	“	“ “	“	6.66	08b	3	12	*21*
“	“	“ “	“	6.57	08c	3	“	*12*
811	49.0	+19 20	7.0	6.44	08b	3	12	*20*
“	“	“ “	“	6.22	08c	3	“	02
810	49.0	+ 2 17	3.5	3.93	01i	3	1	*06*
“	“	“ “	“	3.72	01gi	2	“	15
“	“	“ “	“	3.66	04c	3	13	21
“	“	“ “	“	3.76	04d	3	“	11
. .	49.1	+80 6	. .	12.44	06	6	7	. .
708	49.2	+ 3 31	9.5	10.05	01	3	9	. .
890	49.2	+ 0 33	9.3	10.17	01	3	9	. .
829	49.3	+53 35	5.0	4.43	05c	3	13	01
“	“	“ “	“	4.38	05d	3	“	06
846	49.3	+20 9	8.5	8.57	01	4	1	*07*
852	49.3	+ 1 18	9.0	9.59	01	3	9	. .
683	49.4	+10 0	5.3	4.65	04b	3	13	09
“	“	“ “	“	4.73	04c	3	“	01
812	49.6	+ 2 21	9.3	10.38	01	3	9	. .
785	49.7	+15 3	9.1	9.32	01	3	1	*03*
893	49.7	+ 0 19	6.2	5.81	01	1	1	05
“	“	“ “	“	6.48	01i	2	“	*62*
. .	50.0	+79 55	. .	12.16	06	6	7	. .
686	50.0	+10 3	9.0	9.06	02	3	1	*19*
687	50.0	+10 2	9.2	9.47	02	3	1	*15*
779	50.0	+ 4 18	9.5	10.44	01	3	9	. .
. .	50.3	+80 7	. .	12.56	06	2	7	. .
855	50.5	+33 0	3.0	2.86	04c	2	13	04
“	“	“ “	“	2.86	04d	2	“	04
“	“	“ “	“	2.79	05c	1	“	11
“	“	“ “	“	2.74	05d	1	“	16
1012	50.5	−21 37	9.7	11.16	06	6	5	. .
688	50.6	+10 3	9.1	8.71	02	3	1	*04*
1013	50.6	−21 20	8.9	9.11	06	6	5	. .
. .	50.7	+80 6	. .	12.23	06	6	7	. .
744	50.7	+30 57	9.0	9.37	10	4	7	. .
740	50.7	+13 21	5.0	4.36	04b	2	13	*08*
“	“	“ “	“	4.27	04c	3	“	01
689	50.7	+10 4	9.1	8.88	02	3	1	14
745	50.8	+30 49	9.4	10.31	10	4	7	. .
765	50.8	+26 12	9.5	10.31	04	6	22	. .
1015	51.0	−21 39	9.6	10.74	06	6	5	. .
690	51.2	+10 4	9.3	9.05	02	3	1	37
1018	51.3	−21 30	9.2	10.07	06	6	5	. .
766	51.6	+26 28	9.3	10.33	04	6	22	. .
264	51.8	+73 37	6.3	6.24	08b	3	12	52
“	“	“ “	“	6.55	08c	3	“	21
161	51.9	+79 48	9.5	9.46	06	6	7	. .
906	51.9	+52 59	6.4	5.97	08b	3	12	43
“	“	“ “	“	6.35	08c	3	“	05

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1096	4 51.9	− 5 3	9.9	10.68	06	6	25	. .	. .	4 53.8	+17 50	. .	10.65	03	2	23	. .
904	51.9	−15 32	7.7	7.82	02	6	4	*24*	“	“	“ “	“	10.69	05	1	“	. .
. .	51.9	−21 20	. .	11.57	06	6	5	. .	769	53.8	+ 7 39	9.5	10.41	02	6	4	. .
767	52.0	+26 10	9.0	9.50	04	6	22	. .	797	53.8	+ 4 39	9.5	10.42	01	3	9	. .
“	“	“ “	“	9.78	06r	4	17	. .	781	53.9	+ 5 4	8.9	9.10	02	2	1	*09*
. .	52.0	− 5 1	. .	12.12	06	6	24	. .	909	53.9	+ 0 26	9.5	11.03	01	3	9	. .
855	52.2	+20 8	8.6	8.07	01	3	1	28	. .	54.0	+17 36	. .	13.00	03	2	23	. .
762	52.2	− 1 14	7.3	6.37	08b	4	12	*14*	782	54.0	+ 5 8	9.2	9.34	02	2	1	12
“	“	“ “	“	6.31	08c	4	“	*08*	*910*	54.0	−14 56	7.7	7.56	02	6	4	*12*
1020	52.2	−21 51	9.3	10.52	06	6	5	. .	682	54.1	+10 10	9.0	8.98	02	3	1	04
749	52.4	+30 31	9.4	10.18	10	4	7	. .	. .	54.2	+79 55	. .	12.01	06	6	7	. .
867	52.4	+ 1 24	9.0	9.15	01	3	9	. .	. .	54.2	+17 36	. .	12.02	03	2	23	. .
1021	52.4	−21 15	9.4	10.62	06	6	5	. .	911	54.2	−15 20	9.6	10.17	02r	7	4	. .
1005	52.5	+37 44	5.7	4.94	04b	1	13	05	“	“	“ “	“	10.20	02g	2	“	. .
“	“	“ “	“	4.94	04c	2	“	05	. .	54.3	+17 47	. .	11.29	03	2	23	. .
“	“	“ “	“	5.08	04d	2	“	*09*	“	“	“ “	“	11.49	05	1	“	. .
“	“	“ “	“	4.87	05c	1	“	12	830	54.3	+ 2 32	9.5	9.96	01	3	9	. .
“	“	“ “	“	5.15	05d	1	“	*16*	*912*	54.4	−14 56	9.0	8.96	10	4	1	*15*
1022	52.5	−21 30	9.2	9.94	06	6	5	. .	856	54.5	+60 18	5.0	4.19	05c	3	13	03
853	52.6	+60 56	7.0	5.82	08b	3	12	30	“	“	“ “	“	4.41	05d	3	“	*19*
“	“	“ “	“	5.96	08c	3	“	16	. .	54.5	+17 35	. .	12.32	03	2	23	. .
817	52.6	+ 8 14	8.9	9.20	02	6	4	22	685	54.5	+10 14	8.0	8.19	02	3	1	*07*
1023	52.6	−21 30	9.1	10.01	06	6	5	. .	. .	54.8	+17 40	. .	11.96	03	2	23	. .
370	52.7	+66 41	7.0	5.99	08b	3	12	30	“	“	“ “	“	11.57	05	2	“	. .
“	“	“ “	“	6.15	08c	3	“	14	914	54.8	−15 54	8.4	8.72	02	6	4	. .
1024	52.7	−21 35	9.7	11.05	06	6	5	. .	825	54.9	+ 8 17	9.3	10.42	02	6	4	. .
820	52.9	+17 51	8.9	9.03	01	12	23	*09*	1137	55.0	+40 13	9.0	9.10	09	3	1	22
“	“	“ “	“	8.97	01g	12	“	*03*	823	55.2	+17 23	9.5	10.24	03	2	23	. .
. .	52.9	+ 7 52	. .	12.57	02	12	4	. .	“	“	“ “	“	10.28	05	1	“	. .
869	52.9	+ 1 31	8.3	7.75	01	1	25	. .	808	55.2	+ 4 57	8.5	8.01	01	5	1	*06*
1025	52.9	−21 24	10	11.32	06	6	5	. .	“	“	“ “	“	7.90	01g	5	“	05
751	53.0	+30 51	8.5	8.21	10	4	7	. .	“	“	“ “	“	8.14	02	2	1	*19*
. .	53.1	+ 7 57	. .	12.21	02	10	4	. .	916	55.2	−15 16	9.0	9.44	02	6	4	. .
870	53.1	+ 1 27	9.3	9.48	01	3	9	. .	. .	55.3	+17 40	. .	9.93	03	1	23	. .
1080	53.2	− 2 22	6.3	6.36	08b	3	12	07	“	“	“ “	“	10.29	05	1	“	. .
“	“	“ “	“	6.39	08c	3	“	04	*809*	55.3	+15 3	9.0	9.16	01	3	1	*32*
1125	53.4	+40 11	7.9	7.78	09	3	1	24	736	55.3	+ 3 28	7.8	7.21	01gr	3	9	*26*
767	53.4	+ 7 55	9.5	11.18	02	10	4	. .	737	55.3	+ 3 28	7.8	6.87	01g	3	9	*24*
. .	53.4	+ 7 35	. .	10.44	02	6	4	. .	1047	55.3	−12 41	4.8	4.72	03b	2	13	13
872	53.4	+ 1 33	5.0	4.90	01i	3	1	*17*	“	“	“ “	“	4.80	03c	2	“	05
“	“	“ “	“	4.51	04b	2	13	22	“	“	“ “	“	4.45	04b	1	“	40
“	“	“ “	“	4.85	04c	3	“	*12*	“	“	“ “	“	4.76	04c	1	“	09
“	“	“ “	“	4.79	04d	1	“	*06*	917	55.3	−15 31	9.0	9.08	02	6	4	. .
831	53.6	+20 2	8.2	8.36	01	3	1	14	1141	55.4	+40 12	8.8	9.12	09	3	1	*20*
. .	53.6	+17 40	. .	12.34	03	2	23	. .	918	55.4	−15 15	9.7	10.68	02	10	4	. .
“	“	“ “	“	12.29	05	1	“	. .	“	“	“ “	“	10.58	02g	2	“	. .
821	53.6	+17 19	9.4	9.98	03	2	23	. .	1142	55.5	+40 56	3.6	3.92	04c	2	13	02
“	“	“ “	“	9.95	05	1	“	. .	“	“	“ “	“	4.18	04d	2	“	*24*
823	53.6	+ 8 16	9.2	9.60	02	6	4	. .	“	“	“ “	“	3.95	05c	1	“	*01*
731	53.6	+ 3 10	9.5	10.95	01	3	9	. .	“	“	“ “	“	4.11	05d	1	“	*17*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	4 55.5	+17 41	..	12.65	03	2	23	..	A	4 58.1	+17 10	..	11.75	05	1	23	..
919	55.6	−15 41	9.4	10.31	02	6	4	..	819	58.1	+ 4 24	9.5	10.10	01	3	9	..
1095	55.7	− 2 13	6.5	6.18	08b	3	12	08	749	58.1	+ 3 38	9.5	10.25	01	3	9	..
“	“	“ “	“	6.26	08c	3	“	00	859	58.2	+54 15	7.2	7.04	08	1	12	27
721	55.8	+15 5	8.3	8.08	01	3	1	21	“	“	“ “	“	7.34	08b	3	“	*03*
774	55.8	+ 7 44	8.3	8.77	02	6	4	..	“	“	“ “	“	7.45	08c	3	“	*14*
1072	56.0	−19 47	8.2	8.12	06	6	1	21	775	58.2	+30 14	8.5	7.81	10	4	1	R
1044	56.2	+41 18	6.5	5.98	08b	3	12	22	1164	58.3	+39 58	8.8	9.22	09	3	1	*05*
“	“	“ “	“	6.05	08c	3	“	15	1166	58.4	+40 7	9.0	9.49	09	3	1	08
922	56.2	−14 59	9.3	10.04	02r	5	4	..	755	58.4	+21 9	6.7	5.92	08b	3	12	42
207	56.5	+75 21	8.0	7.87	06	8	4	05	“	“	“ “	“	6.16	08c	3	“	18
857	56.5	+54 50	8.4	9.54	05	1	25	..	..	58.4	+17 7	..	10.38	03	2	23	..
948	56.6	− 7 20	4.9	4.62	03c	2	13	19	“	“	“ “	“	10.37	05	1	“	..
“ .	“	“ “	“	4.96	03d	1	“	*15*	*930*	58.5	−14 59	9.8	10.78	05	4	11	..
“	“	“ “	“	4.89	04b	1	“	*08*	731	58.6	+15 7	9.3	10.51	05	6	11	..
“	“	“ “	“	4.96	04c	1	“	*15*	822	58.6	+14 52	9.4	9.64	05	6	11	..
923	56.7	+ 0 34	6.2	6.68	01i	3	1	*50*	1024	58.8	+51 29	5.2	5.00	05c	3	13	*01*
886	56.8	+ 1 28	6.5	6.24	01g	2	1	*03*	“	“	“ “	“	5.07	05d	3	“	*08*
“	“	“ “	“	6.90	01i	2	“	*69*	798	58.8	+ 5 10	9.0	8.98	02	2	1	18
“	“	“ “	“	6.41	08b	3	12	*20*	732	58.9	+15 16	5.3	4.74	04b	3	13	*09*
“	“	“ “	“	6.38	08c	3	“	*17*	“	“	“ “	“	4.76	04c	3	“	*11*
824	57.0	+17 9	9.5	10.43	03	2	23	..	777	59.0	+18 7	7.9	7.78	08	2	19	..
“	“	“ “	“	11.35	05	1	“	..	“	“	“ “	“	7.72	08b	2	“	..
751	57.1	+21 27	4.8	4.63	04b	3	13	07	1025	59.1	−14 46	8.5	8.78	05	2	1	*27*
“	“	“ “	“	4.75	04c	3	“	*05*	“	“	“ “	“	8.72	05b	2	“	*21*
..	57.1	+17 8	..	11.81	03	2	23	..	“	“	“ “	“	8.62	07	3	“	*11*
“	“	“ “	“	11.73	05	1	“	..	“	“	“ “	“	8.59	07b	3	“	*08*
990	57.1	−20 12	5.3	5.30	03b	1	13	*31*	“	“	“ “	“	8.59	10	4	1	*08*
“	“	“ “	“	5.27	03c	2	“	*28*	931	59.2	−15 51	8.0	8.41	05	4	11	..
“	“	“ “	“	5.00	03d	1	“	*01*	973	59.3	+35 48	6.5	6.47	08b	3	12	*10*
“	“	“ “	“	4.89	04b	1	“	10	“	“	“ “	“	6.49	08c	3	“	*12*
“	“	“ “	“	5.14	04c	1	“	*15*	1029	59.3	−14 42	7.0	6.57	05	2	1	33
2336	57.1	−23 52	7.5	7.43	04	3	1	08	“	“	“ “	“	6.58	05b	2	“	32
“	“	“ “	“	7.54	04b	3	“	*03*	“	“	“ “	“	6.76	07	3	“	14
927	57.2	+ 0 30	9.5	9.93	01	3	9	..	“	“	“ “	“	6.64	07b	3	“	26
857	57.5	+61 2	6.7	6.27	04c	1	25	00	934	59.3	−15 6	9.1	9.93	05	4	11	..
825	57.5	+17 9	9.2	9.32	03	2	23	..	..	59.4	−14 59	..	12.60	05	4	11	..
“	“	“ “	“	9.17	05	1	“	..	1058	59.5	+41 6	3.4	3.23	04c	1	13	05
826	57.6	+17 9	9.5	9.96	03	2	23	..	“	“	“ “	“	3.34	04d	2	“	*06*
“	“	“ “	“	10.08	05	1	“	..	“	“	“ “	“	3.54	05c	1	“	*26*
844	57.7	+ 2 36	9.5	10.50	01	3	9	..	“	“	“ “	“	2.66	05d	1	“	62
890	57.7	+ 1 32	9.4	9.91	01	3	9	..	827	59.5	+14 58	9.4	10.86	05	6	11	..
739	57.8	+24 52	8.0	7.46	04	1	25	..	935	59.5	−15 17	9.4	10.70	05	4	11	..
..	57.9	+17 11	..	12.63	03	2	23	..	735	59.6	+15 7	8.0	7.95	05	3	1	*21*
“	“	“ “	“	12.12	05	1	“	..	“	“	“ “	“	7.78	05b	3	“	*04*
927	58.0	−15 50	8.5	9.07	02	6	4	..	“	“	“ “	“	7.91	07	3	“	*17*
209	58.1	+75 12	9.0	9.39	06r	7	1	*07*	“	“	“ “	“	7.76	07b	3	“	*02*
879	58.1	+32 11	6.6	6.64	08b	3	12	*21*	..	59.6	−14 54	..	12.46	05	4	11	..
“	“	“ “	“	6.50	08c	3	“	*07*	..	59.6	−14 58	..	11.73	05	4	11	..
..	58.1	+17 10	..	11.49	03	3	23		*1170*	59.7	+43 2	6.8	6.02	08b	3	12	19

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	4 59.7	+43 2	6.8	6.29	08c	3	12	*08*	A	5 0.8	+ 3 40	7.9	7.44	02g	2	4	..
"	"	" "	"	6.30	09	4	7	*09*	996	0.8	−22 24	9.0	9.90	04	6	3	..
..	59.7	−14 47	..	12.06	05	4	11	..	830	0.9	+14 52	9.5	10.18	05	6	11	..
937	59.7	−15 2	9.5	10.32	05	8	11	..	830	0.9	+ 4 14	9.5	10.18	01	3	9	..
"	"	" "	"	10.14	07	4	"	..	..	0.9	+ 3 54	..	12.80	02	8	4	..
"	"	" "	"	10.55	07b	2	"	..	..	0.9	+ 3 48	..	11.64	02	3	4	..
781	59.8	+30 10	9.0	9.67	10	4	1	*16*	898	0.9	+ 1 54	9.5	10.24	01	3	9	..
828	59.8	+15 0	9.2	9.47	05r	7	1	12	942	0.9	−15 2	9.9	10.81	05	4	11	..
"	"	" "	"	9.67	05b	5	"	*08*	..	0.9	−22 8	..	11.72	04	6	3	..
"	"	" "	"	9.31	07	3	"	28	..	1.0	+14 56	..	11.83	05	6	11	..
"	"	" "	"	9.65	07b	3	"	*06*	..	1.0	+ 4 1	..	12.44	02	8	4	..
..	59.8	+15 0	..	10.78	05	6	11	..	..	1.0	+ 3 47	..	12.01	02	3	4	..
993	59.9	−21 56	9.1	10.17	04	6	3	..	1067	1.0	−21 24	7.7	7.48	04	6	3	..
..	5 0.0	−14 58	..	11.76	05	4	11	..	..	1.2	+17 4	..	12.42	03	1	23	..
938	0.0	−15 5	7.5	7.38	05	2	1	12	"	"	" "	"	12.28	05	1	"	..
"	"	" "	"	7.48	05b	2	"	02	..	1.2	+17 0	..	10.80	03	2	23	..
"	"	" "	"	7.30	07	3	"	20	"	"	" "	"	11.10	05	1	"	..
"	"	" "	"	7.41	07b	3	"	09	..	1.2	+14 50	..	11.68	05	6	11	..
829	0.1	+ 4 27	8.7	8.58	02	6	4	..	832	1.2	+14 22	8.3	8.02	05	6	11	..
1061	0.1	−21 16	8.5	7.96	04	6	3	..	768	1.2	+ 3 54	9.0	8.95	02	5	4	..
210	0.2	+75 20	8.5	9.01	06r	7	1	*19*	1039	1.2	−14 55	8.5	8.28	05	2	1	*02*
..	0.2	+ 3 43	..	10.96	02r	3	4	..	"	"	" "	"	8.41	05b	1	"	*15*
857	0.4	+ 2 48	9.5	9.93	01	3	9	..	"	"	" "	"	8.43	07	3	"	*17*
940	0.4	+ 0 12	8.7	8.68	01	4	1	00	"	"	" "	"	8.51	07b	3	"	*25*
"	"	" "	"	8.63	01g	3	"	05	1000	1.2	−22 30	3.7	3.78	03c	1	13	*49*
1035	0.4	−14 21	8.0	7.55	05	4	11	..	"	"	" "	"	3.53	03d	1	"	*24*
1065	0.4	−21 22	7.5	7.44	04	3	3	18	"	"	" "	"	3.55	04c	2	"	*26*
"	"	" "	"	7.30	04b	3	"	32	"	"	" "	"	4.02	04d	2	"	*73*
190	0.5	+76 21	6.7	6.46	08b	3	12	*15*	..	1.3	+17 4	..	11.49	03	2	23	..
"	"	" "	"	6.46	08c	3	"	*15*	"	"	" "	"	12.22	05	1	"	..
..	0.5	+16 54	..	9.96	03	2	23	..	..	1.3	+ 3 52	..	12.03	02	2	4	..
"	"	" "	"	10.01	05	1	"	..	1068	1.3	−21 34	8.6	8.03	04	6	3	..
..	0.5	+16 52	..	10.76	03	2	23	..	832	1.4	+ 4 7	9.4	10.07	02	6	4	..
"	"	" "	"	10.97	05	1	"	..	1001	1.4	−22 3	9.6	10.44	04	6	3	..
708	0.5	+10 12	9.1	9.28	02	3	1	*31*	*813*	1.5	+30 2	8.9	9.83	10	4	1	*17*
1003	0.5	−20 23	7.2	7.51	04	3	1	*21*	779	1.5	+18 30	5.2	4.99	08b	4	19	05
"	"	" "	"	7.26	04b	3	"	04	"	"	" "	"	4.85	08c	2	"	19
211	0.6	+75 20	9.3	9.07	06r	7	1	*10*	698	1.5	+16 52	9.5	10.36	03	2	23	..
1174	0.6	+40 1	9.0	9.14	09	3	1	*17*	"	"	" "	"	10.54	05	1	"	..
764	0.6	+ 3 55	9.4	10.89	02	6	4	..	..	1.6	+17 1	..	11.66	03	2	23	..
940	0.6	−15 20	9.2	9.91	05	4	11	..	"	"	" "	"	11.29	05	1	"	..
994	0.6	−21 59	9.5	11.26	04	6	3	..	..	1.8	+16 56	..	12.14	03	2	23	..
809	0.7	+29 56	8.5	8.63	10	4	1	03	"	"	" "	"	11.88	05	1	"	..
..	0.7	+14 50	..	12.48	05	6	11	..	..	1.8	+16 54	..	12.56	03	2	23	..
..	0.7	+ 3 57	..	12.33	02	6	4	..	"	"	" "	"	12.02	05	1	"	..
765	0.7	+ 3 24	9.3	10.06	01	3	9	..	1045	1.8	−14 50	7.1	7.16	07	1	1	*17*
1090	0.7	− 9 58	8.5	8.64	00	1	25	*33*	"	"	" "	"	7.01	07b	1	"	*02*
..	0.8	+14 48	..	13.22	05r	4	11	..	..	1.9	+16 57	..	11.76	03	2	23	..
711	0.8	+10 10	8.7	8.57	02	3	1	00	"	"	" "	"	11.73	05	1	"	..
767	0.8	+ 3 40	7.9	7.33	02r	3	4	..	835	1.9	+ 4 56	8.8	8.93	01	3	1	*03*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	5 1.9	+ 4 56	8.8	8.98	01g	3	1	*08*	1198	5 4.2	+39 10	8.2	8.20	09	4	7	..
"	"	" "	"	8.91	02	2	"	*01*	1193	4.4	+42 37	7.9	8.32	09	4	7	..
1191	2.0	+39 22	8.0	7.98	09	4	7	..	1040	4.4	− 8 53	4.2	4.34	03b	1	13	00
..	2.0	+16 53	..	11.63	03	2	23	..	"	"	" "	"	4.40	03c	2	"	*06*
834	2.0	+14 14	8.4	8.28	05	6	11	..	"	"	" "	"	4.44	03d	2	"	*10*
771	2.0	+ 4 4	9.5	10.08	02	5	4	..	"	"	" "	"	4.34	04b	1	"	00
837	2.1	+ 4 8	9.4	9.57	02	6	4	..	"	"	" "	"	4.35	04c	1	"	*01*
947	2.1	+ 0 43	9.5	10.80	01	3	9	..	1200	4.5	+39 31	9.0	8.96	09	4	7	..
736	2.2	+ 9 21	6.8	6.25	08b	3	12	01	822	4.5	+ 5 6	9.0	9.19	02	2	1	*03*
"	"	" "	"	6.14	08c	3	"	12	1055	4.5	−14 51	8.3	8.24	05	2	1	*13*
836	2.5	+14 25	8.0	7.84	05	6	11	..	"	"	" "	"	8.03	05b	2	"	08
1313	2.6	+49 52	9.1	9.83	00	1	25	..	"	"	" "	"	7.96	07	3	"	15
950	2.6	+ 0 8	9.0	9.36	01	3	1	*33*	"	"	" "	"	7.97	07b	3	"	14
"	"	" "	"	9.34	01g	4	"	*31*	808	4.7	+30 10	8.6	8.37	10	4	1	29
951	2.7	+ 1 1	8.8	8.96	08	2	8	*02*	825	4.7	+ 5 12	8.8	9.03	02	2	1	38
1314	2.8	+49 51	9.4	10.60	00	1	25	..	964	4.8	+ 0 53	9.5	9.34	08	2	8	..
1193	2.9	+39 37	9.5	10.49	09	5	7	..	1102	4.9	+41 23	8.0	8.24	09	4	7	..
1162	2.9	− 5 13	3.0	2.77	03c	1	13	15	1201	4.9	+39 49	8.4	8.96	09	4	7	..
"	"	" "	"	2.56	03d	1	"	36	877	4.9	+ 2 31	9.5	10.62	01	3	9	..
"	"	" "	"	3.01	04c	2	"	*09*	1105	5.0	+41 47	8.2	8.64	09	4	7	..
"	"	" "	"	3.05	04d	2	"	*13*	712	5.0	+16 26	9.4	9.18	03	2	25	..
1194	3.0	+40 2	7.9	8.09	09	4	7	*07*	755	5.0	+15 9	8.6	8.17	05	3	1	02
839	3.0	+14 59	8.4	8.06	05	3	1	*07*	"	"	" "	"	8.09	05b	3	"	10
"	"	" "	"	7.88	05b	3	"	11	"	"	" "	"	8.24	07	3	"	*05*
"	"	" "	"	8.18	07	3	"	*19*	"	"	" "	"	8.10	07b	3	"	09
"	"	" "	"	8.01	07b	3	"	*02*	1198	5.1	+42 21	9.5	10.27	09	4	7	..
750	3.1	+15 6	8.9	8.98	05	3	1	*04*	*1203*	5.1	+40 3	8.9	9.02	09	3	1	*15*
"	"	" "	"	8.97	05b	3	"	*03*	827	5.2	+ 5 12	8.0	7.71	02	2	1	*40*
"	"	" "	"	8.80	07	3	"	14	969	5.2	+ 0 43	9.5	9.78	01	3	9	..
"	"	" "	"	8.94	07b	3	"	00	2466	5.2	−23 15	7.3	7.24	04	3	1	12
816	3.2	+ 5 10	8.9	9.00	02	2	1	01	"	"	" "	"	7.25	04b	3	"	11
783	3.3	+18 50	8.2	7.82	08	2	19	..	1199	5.3	+42 41	9.3	10.15	09	4	7	..
"	"	" "	"	8.00	08b	2	"	..	719	5.3	+16 33	9.5	9.90	03	3	23	..
1195	3.5	+39 6	9.1	9.81	09	4	7	..	"	"	" "	"	10.35	05	1	"	..
1067	3.5	+37 11	6.4	5.89	08b	3	12	28	720	5.4	+16 28	9.3	9.07	03	2	23	..
"	"	" "	"	5.96	08c	3	"	21	..	5.5	+16 37	..	10.58	03	1	23	..
959	3.6	+ 1 0	8.8	8.05	08	2	8	54	1205	5.8	+42 47	9.2	9.84	09	4	7	..
1037	3.6	− 8 47	7.0	6.17	08b	3	12	*50*	797	5.8	+ 3 37	9.5	10.74	01	3	9	..
"	"	" "	"	5.91	08c	3	"	*24*	...	5.8	+ 0 55	..	12.03	08	2	8	..
1015	3.7	−20 15	7.3	7.12	04	3	1	50	1111	5.9	+41 29	8.6	8.92	09	4	7	..
"	"	" "	"	7.39	04b	3	"	23	925	5.9	+ 1 33	9.5	10.28	01	3	9	..
..	3.8	+ 0 57	..	11.06	08	2	8	..	..	6.0	+ 0 53	..	11.36	08	2	8	..
766	3.9	+61 44	6.7	6.06	08b	3	12	*07*	1161	6.0	− 2 22	7.0	6.07	08b	3	12	25
"	"	" "	"	6.13	08c	3	"	*14*	"	"	" "	"	6.31	08c	3	"	01
1192	4.0	+42 46	8.8	9.09	09	4	7	..	855	6.1	+ 4 40	9.5	9.93	01	3	9	..
752	4.0	+15 28	5.0	4.84	04b	3	13	02	*1213*	6.2	+40 2	9.1	9.15	09	3	1	22
"	"	" "	"	4.94	04c	3	"	*08*	1063	6.6	+38 22	5.2	5.06	04b	1	13	*28*
..	4.1	+ 0 55	..	10.58	08	2	8	..	"	"	" "	"	4.96	04c	2	"	*18*
734	4.2	+62 34	6.7	6.27	08b	3	12	11	"	"	" "	"	5.11	04d	1	"	*33*
"	"	" "	"	6.41	08c	3	"	*03*	"	"	" "	"	4.98	05c	1	"	*20*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	5 6.6	+38 22	5.2	5.12	05d	1	13	*34*
974	6.6	+ 0 24	7.8	6.66	01	1	1	*08*
"	"	" "	"	6.83	01g	2	"	*25*
975	6.6	+ 0 55	6.5	5.89	01g	1	1	18
"	"	" "	"	6.28	01i	2	"	*21*
872	6.7	+53 6	6.5	6.54	99i	3	2	*38*
..	6.7	+45 8	..	12.79	03	10	14	..
1207	6.7	+43 0	9.5	10.23	09	4	7	..
..	7.4	+ 1 3	..	10.72	08	2	8	..
842	7.5	+ 5 9	9.0	9.12	02	2	1	04
..	7.6	+ 0 55	..	11.76	08	2	8	..
1330	7.7	+49 5	8.8	9.14	09	4	7	..
1095	7.7	−11 59	5.0	4.33	03b	1	13	21
"	"	" "	"	4.47	03c	2	"	07
"	"	" "	"	4.42	03d	1	"	12
"	"	" "	"	4.57	04b	1	"	*03*
"	"	" "	"	4.42	04c	1	"	12
867	7.8	+60 10	8.7	8.57	08	3	18	09
"	"	" "	"	8.64	08b	3	"	02
1109	7.9	− 6 10	6.5	6.10	08b	3	12	*09*
"	"	" "	"	6.05	08c	3	"	*04*
888	8.1	+ 2 45	4.8	4.88	01i	3	1	*24*
"	"	" "	"	4.65	04b	3	13	*01*
"	"	" "	"	4.71	04c	3	"	*07*
..	8.2	+53 19	..	12.08	99	3	2	..
"	"	" "	"	11.98	10	6	"	..
1225	8.2	+40 0	8.8	8.28	09	3	1	34
..	8.3	+53 30	..	11.32	99	2	2	..
"	"	" "	"	11.50	10	6	"	..
938	8.3	+ 1 51	6.8	6.26	01	1	1	*01*
"	"	" "	"	6.08	01g	2	"	17
"	"	" "	"	6.13	08b	3	12	12
"	"	" "	"	6.02	08c	3	"	23
..	8.4	+53 23	..	9.68	99	2	2	..
"	"	" "	"	9.98	10	6	"	..
1072	8.4	−16 19	3	3.34	03c	2	13	*04*
"	"	" "	"	3.33	03d	1	"	*03*
"	"	" "	"	2.84	04c	1	"	46
"	"	" "	"	2.97	04d	1	"	33
987	8.5	+ 0 42	9.5	10.14	01	3	9	..
878	8.7	+53 22	8.3	7.84	99	3	2	31
"	"	" "	"	8.10	10	6	"	05
988	8.7	+ 0 26	7.0	6.11	01g	4	1	43
1059	8.7	− 8 16	7.0	6.46	08b	3	12	*30*
"	"	" "	"	6.42	08c	3	"	*26*
1092	8.7	−13 3	4.7	4.58	03b	2	13	*12*
"	"	" "	"	4.31	03c	2	"	15
"	"	" "	"	4.36	04b	1	"	10
"	"	" "	"	4.34	04c	2	"	12
"	"	" "	"	4.16	04d	1	"	30
..	5 8.8	+ 0 56	..	12.05	08	2	8	..
874	8.9	+54 4	7.5	7.60	99	3	2	21
"	"	" "	"	7.75	10	6	"	06
..	8.9	+53 34	..	12.72	99	3	2	..
"	"	" "	"	12.47	10	6	"	..
1332	8.9	+50 3	9.5	9.97	09	4	7	..
..	9.0	+53 29	..	12.89	99	4	2	..
880	9.1	+53 29	9.0	9.23	99	3	2	*09*
"	"	" "	"	9.12	10	6	"	02
..	9.1	+53 20	..	11.01	99	3	2	..
"	"	" "	"	11.14	10	6	"	..
1227	9.1	+42 40	7.4	8.01	09	4	7	*25*
894	9.1	+ 2 36	9.5	10.24	01	3	9	..
..	9.1	+ 0 58	..	12.49	08	2	8	..
1077	9.3	+45 54	1.0	0.40	04d	2	13	*19*
"	"	" "	"	0.14	04e	1	"	07
"	"	" "	"	*0.07*	05d	1	"	28
943	9.3	+ 1 45	9.3	9.18	01	3	9	..
884	9.5	+53 35	8.8	8.71	99	3	2	21
"	"	" "	"	8.98	10	6	"	*06*
824	9.6	+ 3 29	9.3	9.49	01	3	9	..
..	9.7	+53 29	..	13.84	99	3	2	..
1334	9.7	+49 14	8.5	8.20	09	4	7	..
..	9.7	+ 1 4	..	10.64	08	2	8	..
..	9.8	+53 23	..	10.68	99	3	2	..
"	"	" "	"	10.71	10	6	"	..
885	9.8	+53 17	9.5	9.67	99	3	2	13
"	"	" "	"	9.88	10	6	"	*08*
1156	10.0	+44 55	9.0	9.38	09	1	1	*21*
1335	10.1	+49 28	9.0	9.07	09	4	7	..
1336	10.2	+49 58	9.2	9.30	09	4	7	..
884	10.5	+ 4 37	9.5	10.91	01	3	9	..
1098	10.9	+38 14	9.2	9.50	09	4	7	..
..	11.3	+38 18	..	10.84	09	4	7	..
1101	11.3	+38 14	9.4	10.28	09	4	7	..
1102	11.3	+38 11	9.5	10.08	09	4	7	..
957	11.5	+ 1 50	6.8	6.34	08b	3	12	03
"	"	" "	"	6.53	08c	3	"	*16*
1090	11.6	+45 8	8.1	8.32	09	2	1	*45*
1000	11.6	+33 17	5.1	4.81	04b	1	13	00
"	"	" "	"	4.82	04c	2	"	*01*
"	"	" "	"	4.97	04d	1	"	*16*
"	"	" "	"	4.90	05c	1	"	*09*
"	"	" "	"	4.78	05d	1	"	03
..	11.7	− 9 51	..	12.84	03	10	14	..
1091	11.9	+45 7	8.8	8.99	09	3	1	*22*
1165	11.9	+44 54	8.5	8.48	09	3	1	*21*
..	11.9	+38 11	..	11.55	09	4	7	..
1248	12.1	+40 1	4.9	4.75	04b	1	13	10
"	"	" "	"	4.66	04c	2	"	19

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
A	5	12.1	+40	1	4.9	4.85	04d	1	13	00
“		“	“	“	“	4.96	05c	1	“	*11*
“		“	“	“	“	5.02	05d	1	“	*17*
1043		12.1	+35	11	9.0	9.41	02	3	1	06
1069		12.3	−17	15	7.0	6.72	08b	3	12	*24*
“		“	“	“	“	6.83	08c	3	“	*35*
750		12.4	+27	58	8.3	8.53	08	3	18	..
“		“	“	“	“	8.66	08b	3	“	..
1170		12.8	+44	19	7.0	6.38	08b	3	12	34.
“		“	“	“	“	6.63	08c	3	“	09
1010		12.8	+33	53	7.2	6.48	08b	3	12	04
“		“	“	“	“	6.62	08c	3	“	*10*
1028		12.8	− 6	57	4.0	3.78	03b	1	13	*10*
“		“	“	“	“	3.66	03c	3	“	02
“		“	“	“	“	3.75	03d	1	“	*07*
998		13.1	+46	52	7.0	6.56	08b	3	12	*08*
“		“	“	“	“	6.60	08c	3	“	*12*
963		13.1	+ 1	31	9.5	10.84	01	3	9	..
882		13.2	+54	9	6.3	7.61	99i	2	2	*86*
893		13.2	+ 5	2	8.5	8.40	01	5	1	00
“		“	“	“	“	8.38	01g	5	“	02
1001		13.3	+34	57	9.0	9.33	02	3	1	14
1007		13.5	+ 0	24	9.5	10.76	01	3	9	..
1099		13.6	+45	10	8.7	8.33	09	3	1	*06*
816		13.6	+25	5	9.0	9.60	08	4	1	*29*
“		“	“	“	“	9.88	08b	2	“	57
914		13.6	+ 2	41	9.5	10.05	01	3	9	..
1255		13.8	+40	47	7.8	7.40	08	3	18	..
“		“	“	“	“	7.10	08b	3	“	..
1063		14.0	+35	8	9.0	9.23	02	3	1	*01*
1011		14.2	+ 1	1	8.9	9.02	08	2	8	*03*
1070		14.5	−22	19	8.7	8.13	06	4	24	..
“		“	“	“	“	8.41	06b	4	“	..
899		14.7	+ 4	26	9.5	10.29	01	3	9	..
1057		14.7	−19	58	8.8	9.26	06	6	1	02
1072		14.8	+35	12	9.0	9.32	02	3	1	15
“		“	“	“	“	9.32	03	3	“	15
“		“	“	“	“	9.46	03g	3	“	01
1262		14.9	+40	13	8.6	9.27	08	3	1	05
“		“	“	“	“	9.40	08b	3	“	*08*
“		“	“	“	“	9.33	09	4	“	*01*
881		14.9	+14	57	7.9	8.18	08	3	18	06
“		“	“	“	“	8.10	08b	3	“	14
1094		14.9	−14	52	8.3	8.31	08	3	18	*15*
“		“	“	“	“	8.23	08b	3	“	*07*
1055		14.9	−18	37	7.3	6.44	08	1	12	*27*
“		“	“	“	“	6.89	08b	3	“	*72*
“		“	“	“	“	6.66	08c	3	“	*49*
1056		14.9	−18	36	7.0	7.04	08b	3	12	*68.*
“		“	“	“	“	7.05	08c	3	“	*69*
847	5	15.0	+ 3	24	9.5	9.27	01	3	9	..
1127		15.0	−13	17	5.0	4.56	04b	1	13	*27*
“		“	“	“	“	4.21	04c	3	“	08
“		“	“	“	“	4.42	04d	2	“	*13*
1225		15.5	− 5	28	7.0	6.27	08b	3	12	02
“		“	“	“	“	6.46	08c	3	“	*17*
351		15.6	+70	8	6.7	7.27	02	3	1	*23*
1019		15.7	+ 0	55	8.8	8.98	08	1	8	*04*
857		16.1	+ 3	54	7.3	6.60	08b	3	12	*19*
“		“	“	“	“	6.60	08c	3	“	*19*
1135		16.2	−21	20	5.0	4.73	04b	3	13	00
“		“	“	“	“	4.95	04c	3	“	*22*
1110		16.4	+45	9	9.0	9.28	09	3	1	*06*
1273		16.5	+40	3	8.7	8.94	09	4	1	03
173		16.7	+79	46	7.7	7.42	06	6	1	*16*
930		16.7	− 0	29	4.8	4.68	03b	2	13	*03*
“		“	“	“	“	4.68	03c	2	“	*03*
“		“	“	“	“	4.48	04b	1	“	17
“		“	“	“	“	4.51	04c	1	“	14
1284		16.9	+39	56	9.0	9.30	09	4	1	*13*
1287		17.0	+40	1	8.9	9.05	09	4	1	*03*
788		17.0	+28	51	7.0	6.45	08b	3	12	*06*
“		“	“	“	“	6.27	08c	3	“	12
988		17.0	+ 1	30	9.5	9.14	01	3	9	..
1027		17.1	+ 0	31	9.5	10.41	01	3	9	..
1135		17.2	−13	51	7.2	6.61	08b	3	12	*14*
“		“	“	“	“	6.59	08c	3	“	*12*
871		17.6	+ 3	27	5.3	5.37	01i	3	1	*38*
“		“	“	“	“	5.06	04b	3	13	*07*
“		“	“	“	“	5.18	04c	3	“	*19*
1032		17.6	+ 0	8	9.0	8.69	01	3	1	09
“		“	“	“	“	8.67	01g	3	“	11
874		17.9	+ 3	47	9.5	10.72	01	3	9	..
937		18.1	+ 2	33	9.5	9.74	01	3	9	..
1156		18.2	−19	56	8.8	8.73	06	5	1	*20*
1034		18.8	+34	5	8.5	8.63	02	6	4	..
1035		18.8	+34	21	8.0	8.14	02	6	4	..
882		18.8	− 0	57	7.2	6.23	08b	3	12	*12*
“		“	“	“	“	6.22	08c	3	“	*11*
1036		18.9	+34	6	7.3	6.64	02i	1	4	19
“		“	“	“	“	6.77	02g	4	“	06
918		19.1	+ 4	28	9.1	9.95	01	3	9	..
1064		19.1	− 7	53	4.3	4.35	03b	2	13	*14*
“		“	“	“	“	4.38	03c	2	“	*17*
1285		19.2	+40	10	8.9	9.34	09	4	1	13
175		19.4	+79	51	9.0	9.09	06	6	1	28
1285		19.4	+42	35	9.3	9.65	06	6	5	..
..		19.4	+34	4	..	11.06	02	6	4	..
947		19.4	+ 2	15	7.4	6.32	08b	3	12	00
“		“	“	“	“	6.29	08c	3	“	03

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1235	5 19.4	− 2 29	3.7	3.02	03c	2	13	42	1294	5 21.2	+42 10	9.5	10.40	06	6	5	..
“	“	“ “	“	3.47	03d	2	“	*03*	1049	21.2	+33 52	7.1	7.80	02	4	4	*30*
“	“	“ “	“	3.25	04c	1	“	19	“	“	“ “	“	7.24	02g	2	“	26
“	“	“ “	“	3.47	04d	1	“	*03*	923	21.2	+ 6 47	7.1	6.39	08b	3	12	00
1134	19.5	+36 46	9.5	10.47	06	7	4	..	“	“	“ “	“	6.46	08c	3	“	*07*
1039	19.5	+34 1	9.5	9.63	02	6	4	..	1012	21.2	+ 1 28	9.3	10.18	01	3	9	..
1005	19.6	+ 1 45	5.0	5.16	01i	4	1	*43*	..	21.3	+34 2	..	11.21	02	6	4	..
“	“	“ “	“	4.88	04b	3	13	*15*	927	21.4	+ 4 24	9.2	9.68	01	3	9	..
“	“	“ “	“	4.82	04c	3	“	*09*	1148	21.5	+36 41	9.5	10.59	06	6	4	..
..	19.7	+36 42	..	11.41	06	7	4	..	1113	21.5	+35 25	9.0	9.26	03	6	16	..
919	19.8	+ 6 16	2.0	2.07	04c	1	13	*37*	1054	21.5	+34 20	9.1	8.99	02	5	4	..
“	“	“ “	“	1.51	04d	3	“	19	“	“	“ “	“	8.59	02g	1	“	..
“	“	“ “	“	1.51	04e	1	“	19	1297	21.6	+42 22	9.5	10.11	06	6	5	..
..	19.9	+36 53	..	10.82	06	7	4	..	847	21.6	+21 51	5.8	5.00	04b	3	13	*17*
..	19.9	+36 51	..	12.08	06	6	4	..	“	“	“ “	“	4.79	04c	4	“	04
893	19.9	+29 54	8.0	7.94	08	3	1	12	*962*	21.6	+ 3 0	5.3	4.81	01i	3	1	*15*
“	“	“ “	“	7.98	08b	3	“	08	“	“	“ “	“	4.72	04b	3	13	*06*
1175	20.0	+50 4	8.9	9.03	99	1	25	*16*	“	“	“ “	“	4.84	04c	3	“	*18*
795	20.0	+28 31	2.0	2.10	04c	3	13	*32*	1149	21.7	+36 41	8.8	9.30	06	6	4	..
“	“	“ “	“	1.69	04d	2	“	09	912	21.8	+53 20	7.3	7.26	99	2	2	*22*
1138	20.1	+37 1	9.5	10.06	06	7	4	..	1119	21.8	+35 23	9.1	9.35	03	7	16	..
..	20.2	+36 50	..	11.53	06	6	4	..	“	“	“ “	“	9.54	03gr	4	“	..
..	20.2	+36 47	..	11.32	06	8	4	..	1123	21.9	+35 51	9.5	10.04	03	7	16	..
..	20.2	+34 7	..	12.46	02	7	4	..	1124	21.9	+35 54	9.5	9.76	03	6	16	..
..	20.2	+34 6	..	12.45	02	6	4	..	..	21.9	+35 30	..	12.30	03	6	16	..
1043	20.2	+34 1	9.5	9.35	02	6	4	..	..	21.9	+35 28	..	10.72	03	7	16	..
1045	20.2	+33 11	6.5	6.16	08b	3	12	14	..	21.9	+35 26	..	10.91	03	6	16	..
“	“	“ “	“	6.35	08c	3	“	*05*	904	21.9	+ 3 37	9.3	9.58	01	3	9	..
..	20.3	+34 7	..	12.88	02	11	4	..	1070	21.9	+ 0 21	9.5	9.68	01	3	9	..
1290	20.4	+42 29	9.0	9.25	06	6	5	..	1150	22.0	+36 37	9.3	9.84	06	6	4	..
1140	20.4	+36 25	8.8	8.98	06	7	4	..	1125	22.0	+35 45	9.4	9.70	03	6	16	..
..	20.4	+34 4	..	11.94	02	6	4	..	..	22.0	+35 33	..	12.81	03	6	16	..
945	20.4	− 0 38	7.3	6.48	08b	3	12	*23*	..	22.0	+35 25	..	12.54	03	6	16	..
“	“	“ “	“	6.38	08c	3	“	*13*	964	22.0	+ 2 33	9.4	9.49	01	3	9	..
..	20.5	+34 12	..	12.14	02	6	4	..	1059	22.1	+34 56	9.0	9.07	02	3	1	*05*
..	20.5	+34 9	..	13.06	02	11	4	..	“	“	“ “	“	9.13	03	3	“	*11*
..	20.5	+34 3	..	12.95	02	1	4	..	“	“	“ “	“	8.97	03g	3	“	05
..	20.5	+33 59	..	11.50	02	6	4	..	“	“	“ “	“	8.98	06	8	“	04
1119	20.5	− 4 48	9.0	8.91	01	3	1	04	915	22.1	+14 59	8.8	8.52	01	6	23	*02*
1120	20.5	− 4 41	9.2	9.47	01	1	4	..	“	“	“ “	“	8.51	01g	6	“	*01*
1046	20.6	+33 42	9.5	9.84	02	6	4	..	1300	22.2	+42 9	8.5	8.87	06	6	5	..
1141	20.7	+36 45	8.9	9.49	06	7	4	..	1133	22.3	− 4 31	9.0	8.87	02	6	4	..
..	20.7	+33 58	..	10.52	02	6	4	..	1301	22.4	+42 6	9.0	8.98	06	6	5	..
1056	20.7	+ 0 25	7.0	6.40	01g	2	1	*38*	1302	22.5	+42 15	9.4	10.12	06	6	5	..
“	“	“ “	“	6.41	01i	1	“	*39*	*1169*	22.5	−11 59	6.5	6.72	08b	4	12	*35*
1291	20.8	+42 16	8.2	8.62	06	6	5	..	“	“	“ “	“	6.54	08c	3	“	*17*
1048	20.8	+34 0	9.5	10.18	02	6	4	..	915	22.6	+53 5	7.7	8.45	08	2	19	..
1106	20.9	+36 2	9.3	9.54	03	6	16	..	“	“	“ “	“	8.08	08b	2	“	..
1292	21.0	+42 49	8.8	9.22	06	6	5	..	1133	22.7	+35 49	8.5	8.55	03	6	16	..
1144	21.0	+36 27	9.2	9.54	06	7	4	..	1259	22.7	− 5 19	8.5	7.95	02	6	4	43

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
357	5 22.9	+70 6	8.6	8.68	02	3	1	*09*	..	5 24.3	− 4 47	..	11.56	01	7	4	..
903	22.9	+13 37	6.5	6.26	08b	3	12	00	..	24.5	− 4 54	..	11.54	01	6	4	..
"	"	" "	"	6.30	08c	3	"	*04*	925	24.7	+22 23	7.5	6.39	08b	3	12	10
1021	22.9	+ 1 13	7.2	7.30	01	1	1	*93*	"	"	" "	"	6.59	08c	3	"	*10*
"	"	" "	"	6.50	01g	2	"	*13*	913	24.7	− 1 11	5.5	4.61	03b	2	13	36
1172	22.9	−12 46	9.2	8.96	06	4	24	..	"	"	" "	"	5.14	03c	2	"	*17*
"	"	" "	"	9.33	06b	4	"	..	"	"	" "	"	4.59	04b	1	"	38
327	23.0	+69 35	7.3	7.91	02	3	1	03	"	"	" "	"	4.81	04c	1	"	16
1064	23.1	+35 3	7.1	7.41	02	1	1	*34*	1076	24.9	+34 57	9.0	8.68	02	3	1	*11*
"	"	" "	"	6.93	02g	2	"	14	"	"	" "	"	8.59	03	3	1	*02*
1065	23.1	+34 12	8.4	8.26	05	7	4	..	"	"	" "	"	8.51	03g	3	"	06
"	"	" "	"	7.99	05g	1	"	..	"	"	" "	"	8.51	06	8	1	06
906	23.1	− 1 52	8.9	8.38	01	3	1	*11*	946	24.9	+ 4 24	9.3	9.91	01	3	9	..
1139	23.2	+35 53	8.6	8.82	03	6	16	..	*533*	25.0	+65 0	8.8	8.39	02	3	1	16
1076	23.3	+51 13	7.5	7.42	08	2	19	24	534	25.0	+64 58	7.7	7.51	02	3	1	*01*
"	"	" "	"	7.46	08b	2	"	20	1151	25.0	+35 25	8.0	8.51	03	6	16	..
1141	23.3	+35 7	9.1	9.36	02	3	1	01	..	25.0	− 4 51	..	11.98	01	6	4	..
"	"	" "	"	9.46	03	2	"	*09*	1273	25.0	− 5 1	9.1	9.36	01	3	4	*01*
"	"	" "	"	9.67	03g	2	"	*30*	"	"	" "	"	9.11	02	3	1	24
"	"	" "	"	9.44	06	8	"	*07*	949	25.1	+ 4 7	7.4	6.24	08b	3	12	13
939	23.3	+ 4 52	8.5	8.54	01	3	1	01	"	"	" "	"	6.39	08c	3	"	*02*
"	"	" "	"	8.58	01g	3	"	*03*	1150	25.1	− 4 46	9.5	10.53	02	6	4	..
1138	23.3	− 4 25	9.4	9.64	01	12	4	..	939	25.4	+ 5 52	5.5	4.19	04b	2	13	13
..	23.4	+35 11	..	10.07	03	1	16	..	"	"	" "	"	4.26	04c	3	"	06
"	"	" "	"	10.55	03g	1	"	..	"	"	" "	"	4.21	04d	1	"	11
909	23.4	+29 7	7.0	6.30	08b	3	12	*06*	982	25.5	+ 2 26	9.5	9.63	01	3	9	..
"	"	" "	"	6.26	08c	3	"	*02*	1158	25.6	+35 33	8.2	8.63	03	6	16	..
1307	23.5	+42 41	9.1	9.63	06	6	5	..	978	25.7	− 0 3	8.6	8.04	01	3	1	04
..	23.6	− 4 38	..	11.94	01	6	4	..	1103	25.9	+ 0 27	9.5	10.02	01	3	9	..
1141	23.6	− 4 47	7.5	7.60	02	6	4	*18*	1155	26.1	− 4 54	8.7	8.38	01	3	4	24
910	23.7	+29 45	8.7	8.65	08	3	18	..	"	"	" "	"	8.41	02	9	R	21
"	"	" "	"	8.83	08b	3	"	..	1024	26.2	+32 7	4.8	4.55	04b	1	13	33
1206	23.8	+41 23	6.7	5.98	08b	3	12	11	"	"	" "	"	4.70	04c	2	"	18
"	"	" "	"	5.91	08c	3	"	18	"	"	" "	"	4.22	04d	1	"	66
909	23.9	− 1 51	9.0	8.69	01	3	1	*02*	"	"	" "	"	4.80	05c	1	"	08
1115	23.9	− 3 24	6.8	6.36	08b	3	12	*19*	"	"	" "	"	4.68	05d	1	"	20
"	"	" "	"	6.40	08c	3	"	*23*	875	26.3	+18 32	4.4	4.50	04b	3	13	23
889	24.0	+57 10	6.6	6.46	08b	3	12	00	"	"	" "	"	4.52	04c	3	"	21
"	"	" "	"	6.49	08c	3	"	*03*	*1218*	26.4	+42 2	6.8	6.52	08b	3	12	*22*
1326	24.0	+39 57	8.0	7.84	06	6	1	33	"	"	" "	"	6.53	08c	3	"	*23*
"	"	" "	"	7.72	06b	1	"	45	1048	26.4	+ 1 35	9.5	9.66	01	3	9	..
1096	24.0	−20 50	3	3.03	04c	3	13	*07*	1207	26.5	− 6 47	6.8	5.80	08br	2	12	23
"	"	" "	"	3.14	04d	3	"	*18*	"	"	" "	"	5.97	08cr	2	"	06
1097	24.0	−19 59	8.8	9.01	06	6	1	*08*	950	26.6	+ 3 29	9.5	10.53	01	3	9	..
1089	24.1	+ 0 7	8.9	8.38	01	3	1	*15*	*981*	26.6	+ 0 2	9.0	8.33	01	3	1	05
"	"	" "	"	8.26	01g	3	"	*03*	929	26.7	− 1 57	8.8	8.13	01	3	1	09
..	24.1	− 4 33	..	11.49	02	6	4	..	394	26.8	+68 41	9.4	9.47	02	6	4	..
..	24.1	− 4 43	..	12.12	01	6	4	..	1028	26.9	+32 44	6.7	6.32	08b	3	12	18
1145	24.1	− 4 45	10	10.29	02	6	4	..	"	"	" "	"	6.53	08c	3	"	*03*
1148	24.3	− 4 40	9.5	9.64	02	6	4	..	R	26.9	− 0 22	R	2.36	03c	2	13	10

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	5 26.9	− 0 22	B	2.36	03d	2	13	10	A	5 28.9	+35 0	8.6	8.74	06	7	1	13
"	"	" "	"	2.43	04c	1	"	03	339	29.0	+69 55	7.1	7.00	02	2	1	04
"	"	" "	"	2.31	04d	1	"	15	"	"	" "	"	7.04	02g	1	"	00
401	27.0	+66 38	7.0	6.09	08br	3	12	15	964	29.0	+ 3 42	6.2	5.37	01i	4	1	*05*
"	"	" "	"	6.11	08cr	3	"	13	949	29.0	− 1 6	7.7	5.98	08b	3	12	20
1106	27.1	− 7 23	5.0	4.66	03b	2	13	*02*	"	"	" "	"	5.91	08c	3	"	27
"	"	" "	"	4.69	03c	2	"	*05*	950	29.0	− 1 32	7.2	6.13	08b	3	12	09
"	"	" "	"	4.54	04b	1	"	10	"	"	" "	"	6.11	08c	3	"	11
"	"	" "	"	4.83	04c	1	"	*19*	"	"	" "	"	6.06	09b	1	"	16
. .	27.4	+68 47	. .	12.35	02	6	4	. .	"	"	" "	"	6.21	09c	1	"	01
1086	27.4	+34 11	9.4	9.76	03	4	16	. .	. .	29.1	+34 10	. .	13.22	03	4	16	. .
"	"	" "	"	9.86	04	2	"	. .	"	"	" "	"	12.63	04	2	"	. .
482	27.6	+65 3	8.0	7.89	02	3	1	*09*	1343	29.2	+40 6	8.5	9.04	06	6	1	*07*
1087	27.6	+34 9	8.4	8.28	03	4	16	. .	. .	29.2	+34 16	. .	12.36	03	4	16	. .
"	"	" "	"	8.50	04	2	"	. .	"	"	" "	"	12.35	04	2	"	. .
1088	27.6	+34 34	8.5	8.52	03	4	16	. .	. .	29.2	+34 10	. .	12.36	03	4	16	. .
"	"	" "	"	8.38	04	2	"	. .	"	"	" "	"	12.22	04	2	"	. .
935	27.7	− 1 40	6.0	5.31	09b	1	12	*01*	877	29.3	+ 9 25	5.0	4.59	04b	3	13	*06*
"	"	" "	"	5.46	09c	1	"	*16*	"	"	" "	"	4.35	04c	3	"	18
929	27.8	+ 7 4	8.2	7.65	09	4	24	. .	. .	29.4	+68 50	. .	12.49	02	12	4	. .
1285	27.8	− 5 2	8.7	8.73	01	3	1	*18*	1097	29.4	+34 12	9.4	9.85	03	4	16	. .
"	"	" "	"	8.48	02	3	"	07	"	"	" "	"	9.92	03g	4	"	. .
. .	28.1	+68 48	. .	12.26	02	1	25	. .	"	"	" "	"	9.77	04	5	"	. .
957	28.1	+ 6 54	9.5	10.42	09	2	25	. .	1098	29.4	+34 2	9.5	9.91	03	4	16	. .
939	28.1	− 1 48	7.5	6.22	08br	2	12	24	"	"	" "	"	9.90	04	2	"	. .
"	"	" "	"	6.05	08cr	2	"	41	976	29.4	+ 4 18	9.0	8.92	01	3	9	. .
"	"	" "	"	6.42	09cr	1	"	04	. .	29.5	+68 41	. .	12.78	02	12	4	. .
1339	28.2	+40 3	9.0	9.68	06	6	1	*21*	. .	29.5	+34 10	. .	10.79	03	4	16	. .
958	28.2	+ 7 0	9.3	9.99	09	1	25	. .	"	"	" "	"	11.33	04	2	"	. .
1092	28.3	+34 13	9.0	8.85	03	4	16	. .	1099	29.5	+34 5	9.2	9.53	03	4	16	. .
"	"	" "	"	8.94	04	2	"	. .	"	"	" "	"	9.31	04	2	"	. .
1166	28.3	−17 54	3	2.72	04c	3	13	*03*	. .	29.6	+68 46	. .	11.20	02	6	4	. .
"	"	" "	"	2.49	04d	3	"	20	. .	29.6	+34 10	. .	10.97	03	4	16	. .
. .	28.4	+68 44	. .	10.04	02	6	4	. .	"	"	" "	"	11.42	04	2	"	. .
1087	28.6	+33 53	8.5	8.65	03	4	16	. .	806	29.6	+27 36	7.1	6.35	08b	3	12	12
"	"	" "	"	8.49	04	2	"	. .	"	"	" "	"	6.86	08c	3	"	*39*
1118	28.6	−18 32	9.6	10.28	03	2	22	. .	879	29.6	+ 9 52	3.5	3.06	04c	3	13	43
"	"	" "	"	10.78	03g	2	"	. .		29.6	+ 9 52						
"	"	" "	"	10.70	04	1	"	. .	"	"	" "	"	3.59	04d	3	"	*10*
"	"	" "	"	10.66	04b	1	"	. .	1060	29.6	+ 1 40	9.5	10.19	01	3	9	. .
183	28.8	+79 34	7.7	7.80	06	6	1	06	1120	29.7	+ 0 35	9.5	9.27	01	3	9	. .
1002	28.8	+ 2 34	9.5	9.46	01	3	9	. .	970	29.8	+ 3 16	9.5	9.97	01	3	9	. .
1058	28.8	+ 1 20	7.2	6.47	08b	3	12	*05*	. .	30.0	+68 45	. .	12.00	02	7	4	. .
"	"	" "	"	6.47	08c	3	"	*05*	1175	30.0	− 4 50	9.3	8.81	01	3	1	*13*
1095	28.9	+34 13	9.5	10.50	03	4	16	. .	1179	30.1	− 4 48	8.0	7.59	02	3	25	. .
"	"	" "	"	10.56	04	2	"	. .	1233	30.1	− 6 5	6.8	6.03	08b	3	12	*45*
1096	28.9	+35 0	8.6	8.89	02	3	1	*02*	"	"	" "	"	5.86	08c	3	"	*28*
"	"	" "	"	8.84	03	5	"	03	1234	30.1	− 6 5	5.4	4.64	03b	1	13	03
"	"	" "	"	8.81	03g	5	"	06	"	"	" "	"	4.78	03c	1	"	*11*
"	"	" "	"	8.72	04	2	"	15	"	"	" "	"	4.89	04b	2	"	*22*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	5 30.1	− 6 5	5.4	5.00	04c	2	13	*33*	1126	5 31.4	−20 0	8.2	8.10	06	6	1	*02*
..	30.3	− 5 42	..	12.77	02r	11	4	..	1121	31.5	+34 59	8.6	9.25	02	3	1	*18*
..	30.3	− 5 44	..	12.27	02	11	4	..	"	"	" "	"	9.21	03	2	"	*14*
"	"	" "	"	12.18	02g	1	"	..	"	"	" "	"	9.17	03g	2	"	*10*
1094	30.4	+51 23	7.9	7.72	08	2	19	..	"	"	" "	"	9.08	04	2	"	*01*
"	"	" "	"	7.55	08b	2	"	..	"	"	" "	"	9.09	06	7	1	*02*
1185	30.4	− 4 54	4.5	4.65	03b	1	13	00	876	31.5	+26 10	8.3	8.00	06	6	4	..
"	"	" "	"	4.62	03c	3	"	03	1367	31.6	+39 53	8.7	8.85	06	6	1	22
"	"	" "	"	4.72	03d	2	"	*07*	1335	31.6	− 5 28	9.0	8.72	02	5	4	..
..	30.4	− 5 43	..	11.34	02	6	4	..	1336	31.6	− 5 50	9.0	8.58	02	6	4	..
"	"	" "	"	11.11	02g	1	"	..	..	31.6	− 6 30	..	11.89	05	6	7	..
1186	30.5	− 4 26	7.0	6.21	08b	3	12	08	908	31.7	+21 5	3.1	2.88	04c	3	•13	12
"	"	" "	"	6.34	08c	3	"	*05*	"	"	" "	"	2.82	04d	3	"	18
1241	30.5	− 5 59	3	2.72	03c	1	13	15	..	31.7	− 5 32	..	10.30	02	5	4	..
"	"	" "	"	2.93	03d	1	"	*06*	1255	31.7	− 6 8	6.4	5.66	08b	3	12	*04*
"	"	" "	"	2.96	04b	1	"	*09*	"	"	" "	"	5.59	08c	3	"	03
"	"	" "	"	2.76	04c	3	"	11	1256	31.8	− 6 29	9.5	10.28	05	2	25	..
"	"	" "	"	2.86	04d	2	"	01	1016	31.9	+ 8 53	7.0	6.16	08b	3	12	*07*
1146	30.6	− 3 19	7.0	6.39	08b	3	12	*06*	"	"	" "	"	6.12	08c	3	"	*03*
"	"	" "	"	6.39	08c	3	"	*06*	879	32.0	+26 52	8.9	8.60	06	6	4	..
1187	30.6	− 4 54	8.7	7.41	02	3	1	*06*	1125	32.2	+34 55	8.6	8.81	03	2	1	01
1323	30.6	− 4 58	9.0	8.95	02	3	1	*25*	"	"	" "	"	8.86	03g	2	"	*04*
"	"	" "	"	8.90	05	4	"	*20*	"	"	" "	"	8.97	04	2	"	*15*
"	"	" "	"	9.16	08	3	18	*46*	*1126*	32.2	+35 1	7.9	8.16	03	2	1	01
"	"	" "	"	9.09	08b	3	"	*39*	"	"	" "	"	7.99	03g	2	"	18
1324	30.6	− 5 37	9.5	9.66	02	7	4	..	"	"	" "	"	8.19	04	2	"	*02*
"	"	" "	"	9.58	02g	1	"	..	..	32.3	+68 38	..	10.84	02	7	4	..
..	30.8	− 5 32	..	11.57	02	6	4	..	964	32.3	+30 9	8.9	8.98	02	3	1	03
870	30.9	+26 52	6.7	5.67	08b	3	12	03	898	32.4	+24 57	9.5	9.95	09	4	24	..
"	"	" "	"	5.60	08c	3	"	10	1260	32.4	− 6 30	9.8	10.86	05	6	7	..
..	30.9	− 5 44	..	11.52	02	6	4	..	882	32.5	+26 42	9.2	9.31	06	6	4	..
"	"	" "	"	11.57	02g	1	"	..	1137	32.5	+ 0 57	9.5	9.84	08	2	8	..
1330	31.0	− 5 42	8.2	7.16	02g	6	4	..	1262	32.5	− 6 0	6.7	6.04	08b	3	12	*29*
969	31.1	− 1 16	2.0	1.99	04c	3	13	*24*	"	"	" "	"	6.10	08c	3	"	*35*
"	"	" "	"	1.72	04d	3	"	03	2545	32.5	−25 53	8.1	8.58	07	4	17	..
1102	31.2	+33 30	6.8	6.36	08b	3	12	07	"	"	" "	"	8.56	07b	4	"	..
"	"	" "	"	6.38	08c	3	"	05	894	32.6	+25 2	9.5	10.09	09	2	25	..
1333	31.2	− 5 7	8.8	9.10	02	5	4	00	883	32.7	+26 15	8.9	8.88	06	6	4	..
"	"	" "	"	9.24	02g	1	"	*14*	884	32.7	+26 34	6.8	6.48	08b	3	12	*01*
"	"	" "	"	9.16	05	5	1	*06*	"	"	" "	"	6.53	08c	3	"	*06*
..	31.2	− 5 32	..	12.66	02r	5	4	..	1138	32.7	+ 0 55	7.9	7.52	08	2	8	*28*
1103	31.3	+33 54	8.3	8.67	03	4	16	..	1342	32.7	− 5 0	7.8	7.23	02	3	1	07
"	"	" "	"	8.56	04	2	"	..	"	"	" "	"	7.10	02g	1	"	20
1334	31.3	− 5 43	7.8	6.69	02g	6	4	*24*	486	32.8	+65 4	8.8	8.54	02	3	1	26
"	"	" "	"	6.61	08b	3	12	*16*	..	32.8	+26 23	..	11.45	06	6	4	..
"	"	" "	"	6.53	08c	3	"	*08*	1140	32.8	+ 0 56	9.0	8.00	08	2	8	*11*
898	31.4	+ 9 15	4.6	3.96	04b	2	13	43	1263	32.8	− 6 38	9.8	10.54	05	12	7	..
"	"	" "	"	4.38	04c	3	"	01	966	32.9	+30 6	8.1	7.85	02	3	1	*09*
"	"	" "	"	4.46	04d	1	"	*07*	1373	33.0	+39 50	7.8	8.63	06	6	1	*36*
..	31.4	− 6 28	..	10.87	05	6	7	..	995	33.0	+ 4 53	8.3	7.98	01	5	1	*13*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	5 33.0	+ 4 53	8.3	7.86	01g	4	1	*01*
..	33.1	+26 27	..	10.70	06	6	4	..
990	33.1	+ 3 30	9.5	10.35	01	3	9	..
1024	33.1	+ 2 31	9.5	10.45	01	3	9	..
1077	33.1	+ 1 18	9.3	9.06	01	3	9	..
934	33.2	+53 26	6.3	6.07	08b	5	R	34
“	“	“ “	“	6.34	08c	5	“	07
887	33.3	+26 16	9.5	10.58	06	6	4	..
918	33.5	+21 42	7.0	6.41	08b	3	12	*09*
“	“	“ “	“	6.28	08c	3	“	04
1347	33.5	− 5 6	8.0	7.74	02	3	1	*14*
400	33.6	+68 56	9.1	9.02	02	6	4	..
401	33.6	+68 50	8.4	8.07	02	6	4	..
1043	33.6	+31 51	8.0	8.06	02	7	4	..
970	33.6	+30 2	8.2	8.04	02	3	1	12
“	“	“ “	“	7.91	09	5	1	25
..	33.6	+ 0 55	..	11.40	08	2	8	..
181	33.7	+80 34	7.9	8.14	06	6	1	*24*
1326	33.7	− 2 39	4.0	4.05	03b	1	13	*27*
“	“	“ “	“	3.79	03c	1	“	*01*
“	“	“ “	“	3.77	04b	1	“	01
“	“	“ “	“	3.82	04c	2	“	*04*
“	“	“ “	“	3.81	04d	1	“	*03*
891	33.8	+26 19	9.5	10.60	06	6	4	..
1275	33.8	− 6 38	6.5	6.01	08b	3	12	*09*
“	“	“ “	“	5.97	08c	3	“	*05*
541	33.9	+65 1	8.9	9.11	02	3	1	*06*
..	33.9	+26 18	..	11.32	06	6	4	..
1001	33.9	+ 4 13	9.3	9.44	01	3	9	..
1002	33.9	+ 4 4	5.0	4.80	01i	2	1	*26*
“	“	“ “	“	4.37	01gi	1	“	17
“	“	“ “	“	4.68	04b	3	13	*14*
“	“	“ “	“	4.65	04c	3	“	*11*
1144	33.9	+ 0 20	9.5	9.99	01	3	9	..
1282	34.0	+37 17	7.8	8.26	08	2	19	..
“	“	“ “	“	8.06	08b	2	“	..
1142	34.0	− 7 16	5.0	4.76	03b	1	13	12
“	“	“ “	“	4.88	03c	1	“	00
“	“	“ “	“	4.95	04b	2	“	*07*
“	“	“ “	“	5.20	04c	2	“	*32*
1048	34.1	+31 18	6.4	6.02	08b	3	12	*06*
“	“	“ “	“	5.93	08c	3	“	03
907	34.1	+25 2	8.5	8.97	06	6	1	*11*
1351	34.1	− 5 15	7.8	7.64	02	2	1	*24*
“	“	“ “	“	7.34	02g	1	“	06
1062	34.2	+32 3	8.6	8.75	02	6	4	..
1049	34.2	+31 52	6.6	6.11	08b	3	12	61
“	“	“ “	“	6.41	08c	3	“	31
911	34.2	+24 55	8.9	9.23	06	6	1	*07*
404	34.7	+68 49	8.5	8.40	02	6	4	..
1355	5 34.8	− 5 7	9.0	8.71	05	9	1	14
“	“	“ “	“	8.88	05b	4	“	*03*
816	34.9	+61 26	6.5	6.14	08b	3	12	25
“	“	“ “	“	6.39	08c	3	“	00
888	34.9	+15 3	8.1	8.21	10	5	1	*12*
1199	34.9	−17 54	6.7	6.50	08b	3	12	*28*
“	“	“ “	“	6.56	08c	3	“	*34*
953	35.0	+29 26	7.0	6.41	08b	3	12	*12*
“	“	“ “	“	6.42	08c	3	“	*13*
978	35.0	+17 17	8.6	8.15	07	4	17	..
“	“	“ “	“	8.04	07b	4	“	..
..	35.1	+32 0	..	11.89	02	12	4	..
1150	35.1	+ 0 56	9.0	8.62	08	1	8	17
1014	35.3	+20 1	8.3	7.93	09	3	1	32
1067	35.4	+32 26	9.1	9.19	02	6	4	..
..	35.4	+31 57	..	11.73	02	6	4	..
979	35.5	+17 29	8.0	6.86	09	4	24	..
841	35.5	+16 29	5.5	4.87	04b	4	13	00
“	“	“ “	“	4.92	04c	3	“	*05*
..	35.5	+ 0 58	..	11.16	08	2	8	..
981	35.6	+17 14	9.5	10.59	09	2	25	..
..	35.7	+32 9	..	12.35	02	12	4	..
1058	35.7	+31 49	8.9	8.77	02	6	4	..
1151	35.7	+ 1 0	9.5	9.70	08	2	8	..
1337	35.7	− 2 53	7.5	6.25	08b	3	12	*18*
“	“	“ “	“	6.14	08c	3	“	*07*
1338	35.7 35.7	− 2 0 − 2 0	2	2.07	04c	2	13	*16*
“	“	“ “	“	1.62	04d	3	“	29
“	“	“ “	“	2.24	04e	1	“	*33*
..	35.8	+31 58	..	11.02	02	6	4	..
1007	35.8	+23 16	6.8	6.70	08b	3	12	*21*
“	“	“ “	“	6.54	08c	3	“	*05*
1004	35.8	− 1 11	6.2	4.78	03b	1	13	22
“	“	“ “	“	4.87	03c	1	“	13
“	“	“ “	“	4.84	04b	2	“	16
“	“	“ “	“	4.88	04c	2	“	12
896	35.9	+15 10	8.0	7.69	10	6	1	00
..	36.0	+32 0	..	11.30	02	6	4	..
996	36.0	+22 37	6.8	6.49	08b	3	12	*02*
“	“	“ “	“	6.55	08c	3	“	*08*
1152	36.0	+ 0 17	7.3	6.11	01g	1	1	*12*
“	“	“ “	“	6.44	01i	2	“	*45*
964	36.1	+29 48	7.7	7.36	02	3	1	*05*
..	36.2	+31 56	..	9.68	02	6	4	..
986	36.3	+14 54	9.0	8.99	10	5	1	20
..	36.4	+ 0 58	..	11.11	08	2	8	..
1163	36.5	+45 10	8.5	9.44	08	3	1	*17*
“	“	“ “	“	9.39	08b	3	“	*12*
1152	36.5	+34 56	9.0	9.28	03	3	1	09

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	5 36.5	+34 56	9.0	9.37	03g	3	1	00	1073	5 38.9	+20 31	8.2	8.09	06	6	5	..
"	"	" "	"	9.35	04	3	"	02	1168	39.0	+ 0 55	9.0	8.46	08	2	8	*02*
957	36.5	+13 34	8.5	8.80	10	6	7	..	882	39.1	+12 23	8.1	6.74	10	6	7	..
..	36.6	+31 50	..	11.75	02	6	4	..	1111	39.2	+51 28	6.4	6.23	08	1	19	29
..	36.6	+ 9 2	..	11.54	06	7	24	..	"	"	" "	"	6.62	08b	2	"	*10*
1063	36.7	+31 59	9.5	9.60	02	6	4	..	"	"	" "	"	6.85	08c	1	"	*33*
1346	36.7	− 2 57	7.5	6.35	08b	3	12	*02*	1312	39.2	+37 16	7.1	7.38	08	2	19	*05*
"	"	" "	"	6.56	08c	3	"	*23*	"	"	" "	"	7.38	08b	2	"	*05*
..	36.8	+32 5	..	10.53	02	6	4	..	997	39.2	+30 7	8.5	8.40	02	3	1	*16*
969	36.8	+29 54	8.5	8.42	02	3	1	04	"	"	" "	"	8.41	09	4	"	*17*
"	"	" "	"	8.47	09	5	"	*01*	1080	39.3	+20 41	9.5	10.60	06	6	5	..
1038	36.9	+ 2 28	9.5	9.36	01	3	9	..	972	39.4	+13 47	9.4	10.45	10	6	7	..
..	36.9	+ 0 59	..	11.47	08	2	8	..	784	39.6	+62 46	6.5	6.29	08b	3	12	*16*
..	37.0	+31 48	..	10.21	02	6	4	..	"	"	" "	"	6.11	08c	3	"	02
988	37.0	+14 59	8.5	8.47	10	5	1	*13*	974	39.6	+13 41	8.8	8.81	10	6	7	..
1009	37.0	+ 3 27	9.5	10.86	01	2	9	..	1025	39.7	+ 3 58	7.0	6.16	01g	1	1	*02*
1059	37.1	+20 5	9.5	11.89	00	1	25	..	"	"	" "	"	6.68	01i	3	"	*54*
904	37.1	+15 9	8.7	8.54	10	5	1	25	..	39.8	+20 36	..	10.73	06	2	5	..
..	37.1	+ 9 2	..	11.10	06	4	24	..	2627	39.9	−25 4	10	12.64	04	1	25	..
1041	37.2	+20 1	8.8	9.78	09	3	1	*103*	*1084*	40.0	+21 1	9.4	10.56	06	6	5	..
1208	37.2	−16 46	6.5	6.43	08b	3	12	*33*	1396	40.1	+42 30	6.8	6.26	08b	3	12	15
"	"	" "	"	6.49	08c	3	"	*39*	"	"	" "	"	6.44	08c	3	"	*03*
1066	37.3	+32 1	9.3	9.30	02	6	4	..	1085	40.1	+20 12	8.2	8.09	06	6	5	..
964	37.3	+13 6	8.7	8.94	10	6	7	..	1086	40.1	+20 11	9.2	10.10	06	6	5	..
1105	37.3	+ 1 26	5.7	5.78	01i	3	1	*54*	1087	40.1	+20 14	8.7	9.36	06	6	5	..
1275	37.4	+44 48	8.5	8.88	08	3	18	..	1004	40.2	+30 32	9.2	9.36	07	4	17	..
"	"	" "	"	9.10	08b	3	"	..	"	"	" "	"	9.66	07b	4	"	..
934	37.6	+25 2	8.6	8.85	06	6	1	*04*	2631	40.2	−25 2	9.8	11.87	04	1	25	..
1069	37.7	+31 57	7.9	7.82	02	6	4	..	1090	40.3	+20 41	9.5	10.62	06	5	5	..
943	37.8	+25 9	8.9	8.84	06	6	1	17	1210	40.3	−22 27	6.9	6.65	08b	3	12	*24*
975	37.9	+29 58	8.0	8.14	02	3	1	*03*	"	"	" "	"	6.73	08c	3	"	*32*
"	"	" "	"	8.18	09	4	"	*07*	1211	40.3	−22 29	4.0	3.72	03b	1	13	08
..	37.9	+ 0 57	..	12.14	08	2	8	..	"	"	" "	"	4.19	03c	1	"	*39*
1159	37.9	+ 0 22	9.5	10.49	01	3	9	..	"	"	" "	"	3.80	04c	2	"	00
1108	38.0	+ 1 34	9.5	9.81	01	3	9	..	"	"	" "	"	3.65	04d	2	"	15
2610	38.0	−25 1	9.2	9.92	04	1	25	*02*	1091	40.6	+20 16	8.5	8.57	06	6	5	..
993	38.1	+30 27	7.5	7.51	02	3	1	00	1067	40.7	+19 53	9.0	9.25	06	6	1	*25*
1012	38.1	− 1 39	7.8	6.57	08b	3	12	*08*	"	"	" "	"	9.32	09	3	"	*32*
"	"	" "	"	6.63	08c	3	"	*14*	1285	41.1	+44 55	9.5	10.70	09	2	25	..
1020	38.2	+ 4 23	9.4	11.22	01	3	9	..	1288	41.3	+44 48	9.2	10.12	09	4	24	..
..	38.3	+ 0 58	..	11.56	08	2	8	..	1012	41.3	+30 3	9.4	10.85	99	1	25	..
1163	38.3	+ 0 8	8.7	8.16	01	3	1	27	1126	41.4	+ 1 9	6.5	5.85	01g	1	1	29
"	"	" "	"	8.23	01g	3	"	20	"	"	" "	"	6.62	01i	2	"	*48*
194	38.4	+81 20	8.0	7.93	06	6	1	07	1178	41.8	+ 0 55	8.8	8.69	08	1	8	*05*
940	38.5	+24 53	7.9	7.92	06	6	1	04	1244	41.9	+35 10	9.3	9.12	03	2	1	15
967	38.5	+13 17	9.0	9.40	10	6	7	..	"	"	" "	"	9.24	03g	2	"	03
1166	38.6	+ 1 0	9.2	8.60	08	2	8	19	"	"	" "	"	9.02	04	2	"	25
1070	38.8	+20 40	8.9	9.14	06	6	5	..	1180	41.9	+ 0 36	9.5	10.07	01	3	9	..
1071	38.8	+20 41	9.3	10.46	06	6	5	..	1065	42.0	+56 53	6.6	6.40	08b	3	12	*02*
..	38.8	+ 0 52	..	11.94	08	2	8	..	"	"	" "	"	6.46	08c	3	"	*08*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1017	5 42.1	+30 2	9.0	9.50	02	3	1	*09*	1188	5 43.7	+34 55	8.9	8.85	03	2	1	12
"	"	" "	"	9.54	09	4	1	*13*	"	"	" "	"	8.80	03g	2	"	17
1036	42.1	+ 4 28	9.5	10.53	01	3	9	. .	"	"	" "	"	8.74	04	2	"	23
1061	42.1	+ 2 29	9.0	8.68	01	3	9	. .	1103	43.7	+32 21	9.4	9.86	03	4	16	. .
1130	42.1	+ 1 31	9.5	10.08	01	3	9	. .	"	"	" "	"	10.06	04	2	"	. .
1418	42.3	+39 9	4.7	4.54	04c	1	13	10	1104	43.8	+32 51	8.8	8.68	03	4	16	. .
"	"	" "	"	4.33	04d	1	"	31	"	"	" "	"	8.76	04	2	"	. .
"	"	" "	"	4.62	05c	2	"	02	912	43.9	+12 37	5.1	4.94	04b	3	13	*02*
"	"	" "	"	4.80	05d	2	"	*16*	"	"	" "	"	4.95	04c	3	"	*03*
. .	42.3	+31 39	. .	11.50	09	4	7	. .	1189	44.0	+34 55	8.9	9.04	03	2	1	08
1075	42.3	+19 16	9.5	10.59	09	4	7	. .	"	"	" "	"	9.02	03g	2	"	10
. .	42.3	+19 9	. .	10.76	09	4	7	. .	"	"	" "	"	8.96	04	2	"	16
1105	42.4	+20 50	7.3	5.95	08b	3	12	*01*	. .	44.0	+32 28	. .	12.23	03	4	16	. .
"	"	" "	"	5.90	08c	3	"	04	"	"	" "	"	12.58	04	2	"	. .
1039	42.4	+ 4 48	8.3	8.04	01	3	1	26	1143	44.0	+ 1 26	9.4	9.45	01	3	9	. .
"	"	" "	"	8.03	01g	3	"	27	. .	44.1	+32 29	. .	12.77	03	4	16	. .
1232	42.4	−14 52	4.0	3.75	03b	1	13	*08*	1105	44.1	+32 24	9.3	9.01	03	4	16	. .
"	"	" "	"	3.47	03c	2	"	20	"	"	" "	"	9.40	03g	4	"	. .
"	"	" "	"	3.54	03d	1	"	13	"	"	" "	"	9.23	04	4	"	. .
"	"	" "	"	3.20	04c	1	"	47	1336	44.2	+37 16	5.0	4.51	04c	1	13	48
"	"	" "	"	3.53	04d	1	"	14	"	"	" "	"	4.90	04d	1	"	09
1104	42.5	+31 30	8.7	8.96	09	4	7	. .	"	"	" "	"	4.96	05c	2	"	03
1244	42.6	−16 16	6.4	6.40	08b	3	12	*09*	"	"	" "	"	4.97	05d	2	"	02
"	"	" "	"	6.40	08c	3	"	*09*	"	"	" "	"	4.66	08b	2	19	33
952	42.7	+54 0	8.8	9.22	08	2	19	. .	"	"	" "	"	4.76	08c	2	"	23
"	"	" "	"	8.86	08b	2	"	. .	1106	44.2	+32 21	9.2	9.61	03	4	16	. .
. .	42.7	+31 38	. .	10.84	09	4	7	. .	"	"	" "	"	9.95	04	2	"	. .
. .	42.8	+31 39	. .	12.52	09	4	7	. .	. .	44.3	+32 21	. .	11.12	03	4	16	. .
. .	42.8	+31 36	. .	12.26	09	4	7	. .	"	"	" "	"	11.66	04	2	"	. .
1021	42.8	+30 3	8.7	8.39	02	3	1	22	. .	44.4	+32 30	. .	11.46	03	4	16	. .
1039	42.8	+ 3 35	9.3	10.44	01	3	9	. .	"	"	" "	"	11.66	04	2	"	. .
1107	42.9	+31 28	9.1	9.12	09	4	7	. .	. .	44.4	+32 27	. .	10.76	03	4	16	. .
1078	42.9	+19 15	9.5	10.83	09	1	25	. .	"	"	" "	"	11.21	04	2	"	. .
. .	42.9	+19 8	. .	11.12	09	4	7	. .	1107	44.4	+32 10	8.4	8.34	03	4	16	. .
1117	43.0	+51 29	6.3	6.33	08b	3	12	07	"	"	" "	"	8.47	04	2	"	. .
"	"	" "	"	6.42	08c	3	"	*02*	1145	44.5	+ 1 28	9.5	11.03	01	4	9	. .
1113	43.0	+20 3	9.4	9.66	00	1	25	. .	1429	44.6	+39 7	4.0	3.83	04c	1	13	35
. .	43.0	+19 4	. .	12.04	09	4	7	. .	"	"	" "	"	3.69	04d	1	"	49
1235	43.0	− 9 42	2.5	2.28	03c	2	13	*08*	"	"	" "	"	4.11	05c	2	"	07
"	"	" "	"	2.09	03d	1	"	11	"	"	" "	"	4.38	05d	2	"	*20*
"	"	" "	"	2.13	04c	1	"	07	888	44.6	+27 56	6.5	5.77	08b	3	12	*12*
"	"	" "	"	2.51	04d	1	"	*31*	"	"	" "	"	5.32	08c	3	"	33
. .	43.1	+31 41	. .	11.03	09	4	7	. .	949	44.8	+15 29	9.0	8.79	06	6	4	. .
. .	43.1	+19 3	. .	11.66	09	4	7	. .	1187	44.8	+ 0 7	8.3	8.09	01	4	1	*41*
1081	43.2	+19 2	9.4	10.24	09	4	7	. .	"	"	" "	"	7.94	01g	4	"	*26*
. .	43.3	+31 29	. .	10.15	09	4	7	. .	1109	44.9	+32 6	6.6	6.21	08b	3	12	20
. .	43.3	+19 17	. .	11.82	09	4	7	. .	"	"	" "	"	6.49	08c	3	"	*08*
1110	43.4	+31 50	9.5	9.67	09	4	7	. .	1132	44.9	+20 8	8.5	8.56	06	6	1	*11*
975	43.6	+19 1	9.3	9.15	09	4	7	. .	"	"	" "	"	8.64	09	3	"	*19*
976	43.6	+18 58	9.4	9.70	09	4	7	. .	1052	44.9	+ 4 24	6.0	5.96	01g	2	1	16

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	5 44.9	+ 4 24	6.0	6.45	01i	1	1	*33*	A	5 47.0	−20 53	4.3	4.02	04c	2	13	*12*
917	45.2	+28 14	9.0	9.28	10	4	7	..	"	"	" "	"	4.22	04d	2	"	*32*
1135	45.2	+20 7	8.6	8.13	06	7	1	27	1151	47.3	+ 1 50	5.8	5.20	01i	3	1	*19*
"	"	" "	"	8.16	09	3	1	24	969	47.4	+15 45	9.4	9.65	06	6	4	..
1290	45.2	− 9 59	10	11.35	99	1	25	..	971	47.4	+15 37	9.4	9.68	06	6	4	..
1072	45.3	+ 2 34	9.5	9.79	01	3	9	..	413	47.5	+66 5	6.7	6.41	08b	3	12	18
1148	45.3	+ 2 0	7.7	6.25	01g	2	1	01	"	"	" "	"	6.47	08c	3	"	12
"	"	" "	"	6.52	01i	1	"	*26*	972	47.8	+15 34	9.5	10.84	06	6	4	..
1189	45.3	+ 0 21	9.5	10.88	01	5	9	..	1208	47.9	+34 57	8.9	9.01	03	2	1	*04*
"	"	" "	"	10.99	01g	1	"	..	"	"	" "	"	9.19	03g	2	"	*22*
1111	45.4	+32 13	8.8	8.61	03	4	16	..	"	"	" "	"	9.16	04	2	"	*19*
"	"	" "	"	8.37	04	2	"	..	..	47.9	+ 5 10	..	12.97	03r	14	14	..
950	45.4	+15 46	9.3	9.20	06	6	4	..	1128	48.3	+51 46	7.0	6.75	08b	3	12	*27*
920	45.6	+28 14	8.7	8.91	10	4	7	..	"	"	" "	"	6.57	08c	3	"	*09*
..	45.6	+27 57	..	12.29	10	4	7	..	266	48.5	+74 33	9.5	10.16	06	6	4	..
1054	45.6	+ 3 27	9.5	11.00	01	3	9	..	1162	48.5	+20 16	5.0	4.60	04b	3	13	02
..	45.7	+28 16	..	11.40	10	4	7	..	"	"	" "	"	4.56	04c	3	"	06
..	45.7	+28 2	..	10.94	10	4	7	..	1197	48.7	+45 10	8.8	9.11	09	3	1	26
1190	45.7	+ 0 34	9.4	9.28	01	3	9	..	927	48.7	+10 34	6.5	6.23	08b	3	12	27
1114	45.8	+32 42	9.5	10.50	03	4	16	..	"	"	" "	"	6.39	08c	3	"	11
"	"	" "	"	10.92	04	2	"	..	1156	48.8	+ 1 39	9.5	9.78	01	3	9	..
1021	45.8	+29 53	9.0	9.15	10	4	1	*24*	1067	48.9	+46 9	9.5	12.35	06	4	25	..
922	45.8	+28 12	9.5	10.65	10	4	7	..	976	48.9	+15 30	8.4	7.88	06	6	4	..
1061	45.9	+ 4 26	9.5	10.08	01	3	9	..	964	48.9	+11 45	7.2	6.73	08b	3	12	*27*
..	46.0	+74 17	..	11.02	06	6	4	..	"	"	" "	"	6.52	08c	3	"	*06*
1179	46.0	+33 53	6.5	6.04	08b	4	12	34	..	49.0	+46 6	..	10.30	06	4	25	..
"	"	" "	"	6.14	08c	4	"	24	1026	49.0	+13 49	8.2	8.40	08	2	19	..
..	46.2	+15 41	..	11.25	06	6	4	..	"	"	" "	"	8.14	08b	2	"	..
957	46.2	+15 37	8.7	8.38	06	6	4	..	1071	49.0	+ 3 13	6.3	6.26	01g	2	1	29
1117	46.4	+32 44	9.5	9.80	03	4	16	..	"	"	" "	"	6.54	01i	1	"	01
"	"	" "	"	9.94	04	2	"	..	"	"	" "	"	6.38	08b	3	12	17
..	46.4	+15 39	..	11.41	06	6	4	..	"	"	" "	"	6.61	08c	3	"	*06*
1027	46.5	+55 41	5.0	4.94	05c	3	13	*02*	1072	49.1	+ 3 39	9.0	9.44	01	3	9	..
"	"	" "	"	4.94	05d	3	"	*02*	1055	49.2	+30 41	8.3	8.57	08	3	18	..
895	46.6	+27 58	9.0	9.20	10	4	7	..	"	"	" "	"	8.33	08b	3	"	..
..	46.6	+15 42	..	11.61	06	6	4	..	1039	49.2	+29 9	7.5	7.72	08	3	1	13
925	46.6	+12 51	8.4	8.47	01	6	23	*05*	"	"	" "	"	7.78	08b	3	"	07
"	"	" "	"	8.44	01g	6	"	*02*	..	49.3	+74 37	..	12.04	06	6	4	..
1118	46.7	+32 9	8.7	8.56	03	4	16	..	..	49.3	+74 24	..	11.34	06	6	4	..
"	"	" "	"	8.70	04	2	"	..	1283	49.3	+35 9	8.5	8.39	03	2	1	*22*
964	46.8	+15 31	9.5	9.84	06	6	4	..	"	"	" "	"	8.40	03g	2	"	*23*
965	46.8	+15 35	9.5	9.70	06	6	4	..	"	"	" "	"	8.60	04	2	"	*43*
350	47.0	+69 35	7.3	7.04	02	3	1	00	1041	49.3	+29 56	8.8	8.90	10	4	1	01
1119	47.0	+32 16	8.8	8.58	03	4	16	..	1029	49.3	+13 38	9.5	9.97	10	4	7	..
"	"	" "	"	8.54	04	2	"	..	..	49.6	+74 40	..	11.90	06	6	4	..
899	47.0	+27 35	5.5	4.73	04b	2	13	*19*	1031	49.6	+13 29	9.4	9.99	10	4	7	..
"	"	" "	"	4.43	04c	3	"	11	1208	49.6	+ 0 57	7.0	6.14	01g	3	1	09
"	"	" "	"	4.64	04d	1	"	*10*	1281	49.6	− 4 5	7.0	6.58	08b	3	12	*23*
1211	47.0	−20 53	4.3	3.89	03b	1	13	01	"	"	" "	"	6.49	08c	3	"	*14*
"	"	" "	"	4.04	03c	1	"	*14*	1033	49.7	+13 34	9.3	8.92	10	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1211	5 49.8	+ 0 34	8.9	8.51	01	3	9	..	..	5 53.0	+53 18	..	10.78	06	6	4	..
952	50.2	+28 56	6.5	6.28	08b	3	12	14	1086	53.0	+ 3 26	9.5	10.38	01	3	9	..
"	"	" "	"	6.11	08c	3	"	31	1078	53.1	− 1 1	6.9	6.45	08b	3	12	*12*
..	50.2	+13 40	..	11.16	10	4	7	..	"	"	" "	"	6.38	08c	3	"	*05*
1036	50.3	+13 56	7.0	6.63	08b	3	12	*15*	*1066*	53.2	+30 0	8.5	8.37	10	4	1	09
"	"	" "	"	6.51	08c	3	"	*03*	*1100*	53.2	+15 0	9.1	8.98	06	6	1	11
..	50.3	+13 40	..	10.89	10	4	7	..	1171	53.2	+ 1 49	6.5	6.17	01g	2	1	*11*
..	50.4	+74 33	..	12.26	06	6	4	..	"	"	" "	"	6.32	01i	1	"	*26*
1038	50.4	+13 39	9.5	10.72	10	4	7	..	1334	53.3	+44 56	8.8	9.52	09	3	1	*15*
1209	50.6	+45 6	8.4	7.79	09	3	1	38	1202	53.3	+20 10	9.0	8.84	06	6	1	21
1040	50.6	+13 34	9.5	10.94	10	4	7	..	..	53.6	+53 14	..	13.13	06	6	4	..
1086	50.7	+ 2 41	9.5	10.19	01	3	9	..	1224	53.6	+45 10	7.7	8.43	09	3	1	*06*
..	50.9	+74 40	..	11.52	06	6	4	..	1088	53.6	+ 4 19	9.3	10.00	01	3	9	..
1077	50.9	+ 4 21	9.3	10.47	01	3	9	..	270	53.7	+74 31	9.5	10.06	06	6	4	..
1044	51.0	+25 4	9.1	9.43	10	6	1	*12*	..	53.7	+53 17	..	10.66	06	6	4	..
970	51.3	+54 17	4.0	3.88	05c	3	13	00	..	53.7	+53 12	..	10.51	06	6	4	..
"	"	" "	"	3.93	05d	3	"	*05*	1089	53.7	+ 4 51	8.6	8.58	01	4	1	22
1146	51.3	+19 56	9.0	8.94	06	6	1	*19*	"	"	" "	"	8.66	01g	4	"	14
1211	51.5	+45 9	8.7	9.23	09	3	1	*21*	1172	53.7	+ 1 23	9.5	10.57	01	3	9	..
977	51.6	+53 17	9.4	9.85	06	6	4	..	1239	53.7	+ 0 32	5.7	5.52	01i	3	1	*27*
1049	51.6	+25 10	8.5	8.70	10	6	1	*02*	1065	53.8	+25 5	8.8	8.88	10	6	1	03
267	51.7	+74 30	8.2	7.76	06	6	4	..	1051	54.0	+24 31	9.3	10.32	10	4	7	..
1052	51.8	+25 57	5.2	4.92	04b	3	13	*02*	1052	54.1	+24 57	8.5	8.87	10	6	1	*06*
"	"	" "	"	4.77	04c	3	"	13	..	54.2	+53 16	..	10.82	06	6	4	..
1088	51.8	+14 3	7.5	6.77	08	2	19	26	..	54.3	+53 8	..	10.02	06	7	4	..
"	"	" "	"	6.89	08b	2	"	14	..	54.4	+24 26	..	11.37	10	5	7	..
1286	51.9	−14 11	4.0	3.98	03b	1	13	*21*	1144	54.4	+23 16	9.3	9.68	09	5	7	..
"	"	" "	"	3.44	03c	1	"	33	1083	54.6	+46 44	9.5	10.05	09	4	7	..
"	"	" "	"	3.50	04c	2	"	27	1105	54.6	+ 2 27	9.5	10.06	01	3	9	..
"	"	" "	"	3.70	04d	2	"	07	945	54.7	+27 35	6.8	6.13	08b	3	12	*05*
1089	52.0	+14 55	8.5	8.82	06	6	1	*18*	"	"	" "	"	6.06	08c	3	"	02
1328	52.2	+44 56	2.0	1.80	04d	1	13	27	1242	54.7	+ 0 2	8.6	8.24	01	4	1	*26*
"	"	" "	"	2.14	04e	1	"	*07*	"	"	" "	"	8.03	01g	3	"	*05*
"	"	" "	"	2.34	05c	1	"	*27*	..	54.9	+24 37	..	11.70	10	4	7	..
"	"	" "	"	1.99	05d	2	"	08	1109	55.0	+14 56	8.4	8.12	06	6	1	07
1093	52.2	+14 57	8.9	8.82	06	6	1	02	1256	55.1	− 3 5	5.7	4.63	04b	3	13	05
1227	52.3	+ 0 1	8.1	7.10	08	3	18	*28*	"	"	" "	"	4.78	04c	3	"	*10*
"	"	" "	"	7.11	08b	3	"	*29*	982	55.2	+53 12	9.1	9.51	06	6	4	..
978	52.4	+53 12	9.1	9.40	06	6	4	..	1061	55.2	+24 40	9.5	10.88	10	4	7	..
1217	52.5	+45 56	4.8	4.31	05c	1	"	28	1062	55.2	+24 25	9.0	9.48	10	4	7	..
"	"	" "	"	5.03	05d	1	"	*44*	1063	55.3	+24 28	9.5	10.24	10	4	7	..
1168	52.7	+ 1 13	7.2	6.29	01g	3	1	20	984	55.4	+53 17	9.2	9.48	06	6	4	..
"	"	" "	"	6.29	08b	3	12	20	1085	55.4	+46 15	9.5	9.98	09	4	7	..
"	"	" "	"	6.42	08c	3	"	07	..	55.4	+23 8	..	10.90	09	5	7	..
269	52.8	+74 24	9.0	9.22	06	6	4	..	1219	55.4	+20 3	9.5	9.98	00	1	25	..
1233	52.8	+ 0 35	9.5	9.68	01	3	9	..	..	55.5	+23 9	..	10.59	09	5	7	..
1380	52.9	+37 12	3.0	3.09	04c	1	13	*38*	1421	55.6	+43 22	7.3	6.40	08b	3	12	12
"	"	" "	"	1.88	04d	1	"	83	"	"	" "	"	6.54	08c	3	"	*02*
"	"	" "	"	2.82	05c	2	"	*11*	1154	55.7	+23 8	8.9	8.78	09	5	7	..
"	"	" "	"	2.68	05d	2	"	03	..	55.7	+23 1	..	11.25	09	5	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
. .	5 55.7	+22 56	. .	11.09	09	5	7	. .
1087	55.8	+46 36	9.2	9.28	09	4	7	. .
1078	55.8	+30 0	9.1	9.50	10	4	1	21
1155	55.8	+23 29	9.1	9.46	09	5	7	. .
1141	55.9	+22 14	9.5	10.19	10	4	7	. .
1157	56.0	+23 36	9.3	10.03	09	5	7	. .
. .	56.0	+22 20	. .	12.56	10	4	7	. .
. .	56.1	+22 17	. .	11.24	10	4	7	. .
1143	56.2	+22 9	9.1	9.12	10	4	7	. .
937	56.3	+59 24	6.7	6.23	08b	3	12	84
"	"	" "	"	6.47	08c	3	"	60
1166	56.3	+32 38	6.5	6.19	08b	3	12	04
"	"	" "	"	6.00	08c	3	"	23
1223	56.3	+20 1	9.4	9.70	00	1	25	. .
1158	56.4	+23 0	9.5	10.89	09r	3	7	. .
1159	56.5	+23 12	9.5	10.09	09	5	7	. .
1115	56.5	+14 54	8.8	8.75	06	6	1	*01*
1146	56.6	+51 35	6.3	6.38	08b	3	12	*08*
"	"	" "	"	6.46	08c	3	"	*16*
. .	56.6	+22 11	. .	12.53	10	2	7	. .
1148	56.8	+22 17	9.3	9.40	10	4	7	. .
1149	56.8	+22 58	9.0	9.40	09	1	25	. .
. .	56.8	+22 20	. .	10.73	10	4	7	. .
1090	56.9	+46 52	8.4	8.80	09	4	7	. .
1064	56.9	+ 9 39	5.0	4.13	04c	3	13	06
"	"	" "	"	4.26	04d	3	"	*07*
1105	57.0	+ 4 22	9.3	9.64	01	3	9	. .
630	57.1	+63 27	6.5	6.50	08b	3	12	*01*
"	"	" "	"	6.53	08c	3	"	*04*
1195	57.1	+ 1 42	7.4	6.83	01g	3	1	*37*
"	"	" "	"	6.40	08b	3	12	06
"	"	" "	"	6.55	08c	3	"	*09*
1349	57.1	−10 36	5.6	4.90	03b	1	13	07
"	"	" "	"	5.18	03c	1	"	*21*
"	"	" "	"	4.96	04b	3	"	01
"	"	" "	"	5.00	04c	2	"	*03*
1076	57.2	+25 0	9.0	9.07	03	3	1	24
"	"	" "	"	9.38	03g	4	"	*07*
"	"	" "	"	9.30	09	5	"	01
"	"	" "	"	9.30	10	6	"	01
1256	57.2	+ 0 40	9.5	10.03	01	3	9	. .
1097	57.7	+25 4	9.0	9.18	09	5	1	*02*
"	"	" "	"	9.22	10	6	1	*06*
1111	57.7	+ 3 38	9.4	9.75	01	3	9	. .
1115	57.9	+ 2 28	9.5	9.76	01	3	9	. .
1199	57.9	+ 1 29	9.5	9.25	01	3	9	. .
1099	58.0	+25 6	8.5	8.60	09	5	1	21
"	"	" "	"	8.46	10	6	"	35
1080	58.0	+24 59	8.9	9.15	03	3	1	26
"	"	" "	"	9.36	03g	3	"	05
A	5 58.0	+24 59	8.9	9.33	09	3	1	08
"	"	" "	"	9.14	10	6	"	27
1170	58.0	+23 16	5.1	4.26	04c	3	13	04
"	"	" "	"	4.30	04d	2	"	00
1233	58.0	+20 8	5.1	4.63	04b	2	13	08
"	"	" "	"	4.76	04c	3	"	*05*
1116	58.0	+ 2 29	9.5	10.12	01	3	9	. .
275	58.2	+74 32	8.1	8.39	06	6	4	. .
1405	58.2	+37 58	6.7	6.52	08b	4	12	*12*
"	"	" "	"	6.22	08c	2	"	18
1095	58.8	+46 8	8.8	8.96	09	4	7	. .
1236	59.0	+33 36	6.3	6.12	08b	3	12	*02*
"	"	" "	"	6.08	08c	3	"	02
1267	59.1	+50 4	8.2	8.37	05	6	1	10
. .	59.1	−10 0	. .	11.12	99	1	25	. .
1360	59.2	−10 2	9.5	9.92	00	3	25	. .
1116	59.7	+ 4 10	6.0	5.71	01g	1	1	*01*
"	"	" "	"	6.37	01i	2	"	*67*
988	59.8	+54 56	8.2	8.56	06	6	1	*06*
1108	59.8	+30 4	9.0	9.62	10	4	1	*06*
3654	59.9	−24 19	9.4	10.29	06	6	5	. .
1269	6 0.0	+ 0 52	7.7	6.80	08	2	8	34
1357	0.3	+41 52	6.3	6.10	08b	3	12	22
"	"	" "	"	6.16	08c	3	"	16
1455	0.8	+49 57	8.7	8.47	05	6	1	00
3668	0.9	−24 40	9.3	10.52	06	6	5	. .
3669	1.0	−24 30	9.2	11.24	06	6	5	. .
3670	1.0	−24 4	9.5	10.90	06	6	5	. .
1274	1.2	+50 53	9.0	8.93	05	3	4	. .
"	"	" "	"	9.03	05b	3	"	. .
1365	1.3	+41 4	6.7	6.27	08b	3	12	15
"	"	" "	"	6.29	08c	3	"	13
3676	1.4	−24 16	10	12.47	06	2	5	. .
3678	1.5	−24 18	10	12.42	06	4	5	. .
1331	1.6	−14 56	5.0	4.76	03b	1	13	*09*
"	"	" "	"	4.77	03c	2	"	*10*
"	"	" "	"	4.85	03d	1	"	*18*
. .	1.8	+24 11	. .	11.56	03	6	16	. .
3682	1.8	−24 9	9.9	12.57	06	6	5	. .
1107	1.9	+24 37	9.5	9.81	03	6	16	. .
1152	1.9	+14 47	4.6	4.72	04b	2	13	*32*
"	"	" "	"	4.19	04c	3	"	21
"	"	" "	"	4.34	04d	1	"	06
3683	1.9	−24 16	9.8	11.62	06	6	5	. .
1108	2.0	+24 11	9.4	9.60	03	6	16	. .
"	"	" "	"	9.90	03g	6	"	. .
1109	2.0	+24 55	8.9	8.82	03	3	1	*16*
"	"	" "	"	8.94	03g	3	"	*28*
"	"	" "	"	9.16	09	5	"	*50*
"	"	" "	"	8.97	10	6	"	*31*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	6 2.1	+24 4	..	10.88	03	6	16	..	..	6 4.0	+50 10	..	11.36	05	6	4	..
1275	2.2	+50 10	8.5	8.30	05	3	4	..	..	4.0	+ 0 59	..	10.74	08	2	8	..
"	"	" "	"	8.56	05b	3	"	..	..	4.2	+50 11	..	10.06	05	4	4	..
1112	2.2	+24 36	9.4	9.34	03	6	16	..	"	"	" "	"	10.40	05b	1	"	..
..	2.2	+24 12	..	11.52	03	6	16	..	..	4.2	+50 10	..	12.38	05	6	4	..
..	2.2	+24 10	..	12.43	03	6	16	..	1255	4.3	+45 1	8.6	9.06	08	4	1	*04*
..	2.2	+ 0 56	..	10.82	08	2	8	..	1257	4.5	+45 3	7.9	8.37	08	4	1	00
1386	2.2	−11 10	7.0	6.73	08b	3	12	*35*	1235	4.6	+ 1 0	8.2	7.68	08	2	8	*14*
"	"	" "	"	6.75	08c	3	"	*37*	1281	4.9	+50 38	8.7	8.82	05	3	4	..
..	2.3	+24 6	..	11.94	03	6	16	..	"	"	" "	"	9.00	05b	3	"	..
1185	2.3	+22 14	8.8	8.97	10	6	7	..	1259	4.9	+45 5	7.9	8.31	08	4	1	26
1186	2.4	+23 0	9.0	9.12	10	4	7	..	1316	4.9	−18 6	6.4	6.63	08b	3	12	*46*
1128	2.4	+ 4 25	8.7	9.02	01	3	9	..	"	"	" "	"	6.60	08c	3	"	*43*
1116	2.5	+24 28	9.5	9.41	03	6	16	..	1282	5.0	+50 29	9.4	10.46	05	5	4	..
1188	2.5	+22 29	9.2	9.54	10	4	7	..	"	"	" "	"	10.48	05b	1	"	..
3698	2.6	−24 9	9.0	9.65	06	6	5	..	1264	5.0	+47 34	9.2	9.44	08	4	4	..
1121	2.7	+24 31	9.1	8.45	03	6	16	..	1148	5.0	+24 54	8.3	8.41	03	3	1	*20*
1294	2.7	+ 0 21	9.4	9.42	01	3	9	..	"	"	" "	"	8.16	03g	4	"	05
3703	2.8	−24 8	9.0	9.59	06	6	5	..	"	"	" "	"	8.62	09	2	"	*41*
1123	2.9	+24 22	8.5	8.18	03	6	16	..	"	"	" "	"	8.38	10	6	"	*17*
1131	2.9	+ 4 59	8.5	8.76	01	3	1	*15*	1176	5.0	+14 50	9.5	10.38	04	1	25	..
"	"	" "	"	8.73	01g	3	"	*12*	1112	5.1	+18 9	6.8	6.27	08b	4	12	17
1132	2.9	+ 4 56	8.5	8.53	01	3	9	*12*	"	"	" "	"	6.58	08c	4	"	*14*
"	"	" "	"	8.40	01g	1	"	01	1383	5.2	− 4 40	8.5	10.15	03	1	25	..
1131	2.9	+ 3 18	8.5	8.59	01	3	9	..	1143	5.3	+21 36	7.8	7.60	07	4	17	..
993	3.0	+54 51	9.0	9.30	06	6	1	01	"	"	" "	"	7.42	07b	4	"	..
1190	3.0	+22 26	9.5	9.85	10r	2	7	..	..	5.4	+47 40	..	11.43	08	4	4	..
1226	3.1	+ 1 7	9.0	8.65	01	3	9	*06*	..	5.4	+47 33	..	10.62	08	4	4	..
3708	3.1	−24 0	9.6	11.11	06	6	5	..	..	5.5	+47 37	..	11.22	08	4	4	..
1126	3.2	+24 27	8.2	7.51	03	6	16	..	1125	5.5	+26 1	8.7	9.13	07	4	17	..
..	3.2	+ 0 56	..	11.79	08	2	8	..	"	"	" "	"	9.48	07b	4	"	..
1128	3.3	+24 35	8.5	8.53	03	6	16	..	1179	5.6	+14 44	9.5	10.33	04	1	25	..
..	3.3	+ 0 52	..	11.36	08	2	8	..	..	5.8	+47 48	..	10.77	08	16	4	..
1260	3.4	+47 31	7.7	7.76	08	4	4	..	..	5.8	+47 32	..	11.80	08	4	4	..
1202	3.4	+ 8 41	7.5	6.50	08b	4	12	*05*	1146	5.8	+21 54	7.3	6.24	08b	4	12	31
"	"	" "	"	6.49	08c	4	"	*04*	"	"	" "	"	6.44	08c	4	"	11
1198	3.5	+22 13	6.5	5.98	08b	4	12	06	1267	5.9	+47 19	8.5	7.79	08	4	4	..
"	"	" "	"	6.13	08c	4	"	*09*	1467	6.0	+49 29	8.0	7.89	05	3	4	..
1138	3.6	+ 2 12	9.5	10.40	01	3	9	..	"	"	" "	"	7.46	05b	3	"	..
1041	3.7	+52 40	6.7	6.26	08b	3	12	01	1264	6.0	+45 4	8.0	8.60	08	4	1	02
"	"	" "	"	6.22	08c	3	"	05	..	6.1	+47 42	..	10.78	08	4	4	..
1261	3.7	+47 55	7.2	6.88	08	8	1	*04*	1439	6.1	− 6 44	6.3	6.06	08b	3	12	*09*
1135	3.7	+24 14	8.4	7.74	03	6	16	..	"	"	" "	"	5.95	08c	3	"	02
1364	3.7	−19 46	8.3	8.26	03	2	22	..	..	6.2	+47 46	..	12.42	08	2	4	..
"	"	" "	"	8.42	03g	2	"	..	..	6.2	+47 35	..	10.50	08	4	4	..
"	"	" "	"	8.03	04	1	"	..	1035	6.2	+16 9	5.8	4.68	04b	3	13	24
"	"	" "	"	8.46	04b	1	"	..	"	"	" "	"	4.99	04c	3	"	*07*
1138	3.8	+24 38	9.0	9.05	03	6	16	..	..	6.2	+ 0 55	..	10.98	08	2	8	..
1299	3.8	+ 0 10	8.9	8.72	01	4	1	16	1187	6.3	+14 14	4.8	4.79	04b	1	13	*44*
"	"	" "	"	8.84	01g	4	"	04	"	"	" "	"	4.41	04c	4	"	*06*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	6 6.3	+14 14	4.8	4.45	04d	2	13	*10*	A	6 8.9	− 3 43	6.5	5.96	08c	3	12	*03*
1159	6.4	+24 57	8.8	8.68	03	3	1	18	1154	9.0	+29 33	4.4	4.28	04b	3	13	17
“	“	“ “	“	8.83	03g	3	“	03	“	“	“ “	“	4.52	04c	3	“	*07*
1534	6.4	− 5 2	8.4	8.25	03	1	25	*20*	1062	9.3	+10 3	9.5	10.34	00	1	25	. .
1327	6.4	−18 30	8.8	9.14	03	2	22	. .	1338	9.3	+ 0 53	8.8	8.45	08	1	8	09
“	“	“ “	“	9.61	03g	2	“	. .	3577	9.6	−23 50	7.1	6.79	08b	3	12	*38*
“	“	“ “	“	9.19	04	1	“	. .	“	“	“ “	“	6.99	08c	3	“	*58*
“	“	“ “	“	9.18	04b	1	“	. .	1474	9.7	+49 31	7.5	7.46	05	6	4	*09*
. .	6.5	+47 49	. .	10.87	08	4	4	. .	1405	9.7	−17 2	9.1	9.08	03	2	22	. .
1158	6.6	+ 4 15	9.5	9.67	01	3	9	. .	“	“	“ “	“	9.58	03g	2	“	. .
1244	6.6	+ 1 25	9.5	9.94	01	3	9	. .	“	“	“ “	“	8.94	04	1	“	. .
1315	6.6	+ 0 14	9.5	10.45	01	3	9	. .	“	“	“ “	“	9.34	04b	1	“	. .
1316	6.7	+ 0 53	9.5	10.14	08	2	8	. .	1407	9.9	−16 36	9.0	9.20	05	3	22	. .
1154	6.9	+ 2 29	9.3	9.15	01	3	9	. .	“	“	“ “	“	9.31	05b	3	“	. .
. .	7.1	+47 50	. .	11.45	08	4	4	. .	1469	10.0	− 6 14	4.5	3.80	04b	1	13	29
1318	7.1	+ 0 57	9.5	10.22	08	2	8	. .	“	“	“ “	“	3.62	04c	3	“	47
1319	7.2	+ 0 56	9.5	9.99	08	1	8	. .	“	“	“ “	“	4.14	04d	2	“	*05*
1393	7.2	−17 25	8.5	8.22	03	2	22	. .	253	10.1	+75 42	7.9	7.90	06	6	1	17
“	“	“ “	“	8.62	03g	2	“	. .	1410	10.3	+44 54	8.5	8.90	01	4	1	12
“	“	“ “	“	8.29	04	1	“	. .	1409	10.3	−16 24	8.4	8.41	05	3	22	. .
“	“	“ “	“	8.50	04b	1	“	. .	“	“	“ “	“	8.30	05b	3	“	. .
1160	7.3	+ 3 14	9.4	9.63	01	3	9	. .	1349	10.4	+ 0 51	7.8	7.44	08	1	8	*25*
1399	7.3	− 4 45	9.5	10.00	03	1	25	. .	1289	10.6	+33 21	9.5	10.06	09	2	25	. .
251	7.4	+75 20	9.0	9.33	06	6	1	*11*	1191	10.6	+17 12	6.5	6.39	08b	5	12	08
1320	7.4	+ 0 52	9.5	9.72	08	1	8	. .	“	“	“ “	“	6.48	08c	5	“	*01*
1129	7.6	+18 43	6.5	6.68	08b	4	12	*47*	1182	10.6	+ 3 27	8.4	8.58	01	3	9	. .
“	“	“ “	“	6.52	08c	4	“	*31*	1180	10.6	+ 2 26	9.3	9.38	01	3	9	. .
371	7.8	+69 21	4.7	4.71	05c	3	13	02	1290	10.7	+33 14	9.1	8.25	09	4	24	. .
“	“	“ “	“	4.72	05d	3	“	01	1273	10.7	+ 1 33	9.3	9.55	01	3	9	. .
1512	7.8	− 2 29	7.0	6.50	08b	3	12	*02*	959	10.8	+59 3	5.0	4.43	05c	3	13	*01*
“	“	“ “	“	6.62	08c	3	“	*14*	“	“	“ “	“	4.34	05d	3	“	08
1116	7.9	+15 0	9.3	9.20	04	1	25	44	1292	10.8	+50 0	9.4	10.69	01	1	25	. .
1473	8.1	+49 59	9.5	9.65	01	1	25	. .	1351	10.8	+ 0 11	9.4	9.44	01	3	9	. .
1327	8.1	+ 0 12	8.5	8.80	01	1	25	. .	. .	10.9	+ 0 50	. .	10.43	08	2	8	. .
“	“	“ “	“	8.75	01g	1	“	. .	1352	11.0	−18 27	6.2	6.25	08b	3	12	*01*
1272	8.3	+47 26	8.7	8.98	08	4	4	. .	“	“	“ “	“	6.35	08c	3	“	*11*
1071	8.4	+11 2	9.4	9.66	01	2	23	. .	1186	11.1	+ 4 26	9.2	9.37	01	3	9	. .
“	“	“ “	“	9.56	01g	2	“	. .	1411	11.1	−13 41	5.2	4.79	03b	1	13	20
“	“	“ “	“	9.28	02	4	“	. .	“	“	“ “	“	5.01	03c	1	“	*02*
“	“	“ “	“	9.24	02g	4	“	. .	“	“	“ “	“	4.83	04b	2	“	16
. .	8.4	+ 0 55	. .	11.30	08	2	8	. .	“	“	“ “	“	5.06	04c	2	“	*07*
1398	8.4	−17 44	6.5	6.74	08b	3	12	*43*	1216	11.6	+ 7 6	7.5	6.49	08b	4	12	*08*
“	“	“ “	“	6.66	08c	3	“	*35*	“	“	“ “	“	6.50	08c	4	“	*09*
1182	8.6	+17 57	6.5	5.86	08b	4	12	*12*	1233	11.9	+14 5	7.0	6.45	08b	4	12	03
“	“	“ “	“	5.77	08c	4	“	*03*	“	“	“ “	“	6.42	08c	4	“	06
1388	8.9	+36 12	6.6	6.76	08b	2	12	*34*	1361	11.9	+ 0 56	9.0	9.02	08	2	8	*08*
“	“	“ “	“	6.48	08c	2	“	*06*	1328	12.3	−15 6	8.5	8.02	08	3	18	*11*
“	“	“ “	“	6.61	09b	1	“	*19*	“	“	“ “	“	8.23	08b	3	“	*32*
“	“	“ “	“	6.54	09c	1	“	*12*	200	12.4	+79 44	8.3	8.47	08	1	19	. .
1345	8.9	− 3 43	6.5	5.86	08b	3	12	07	“	“	“ “	“	8.22	08b	1	“	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	6 12.4	+79 44	8.3	8.27	10	1	19	. .
"	"	" "	"	8.36	10b	1	"	. .
1294	12.8	+50 1	8.8	9.39	01	5	1	*07*
1203	13.2	+17 21	6.5	6.31	08b	4	12	*14*
"	"	" "	"	6.02	08c	4	"	15
1184	13.2	+ 9 6	7.0	6.43	08b	4	12	*05*
"	"	" "	"	6.41	08c	3	"	*03*
1068	13.6	+54 59	9.0	9.22	06	6	1	*01*
1288	13.6	+47 14	9.0	9.06	02	6	4	. .
. .	13.8	+47 59	. .	9.94	02	6	4	. .
1396	13.9	−14 34	8.2	8.39	04r	3	22	. .
"	"	" "	"	8.12	04br	3	"	. .
1288	14.0	+45 9	8.2	8.56	01	4	1	21
1399	14.2	−14 48	8.3	8.29	04r	3	22	. .
"	"	" "	"	7.94	04br	3	"	. .
1381	14.4	+ 0 14	9.5	10.00	01	3	9	. .
1386	14.4	− 8 32	6.8	6.37	08b	3	12	*30*
"	"	" "	"	6.08	08c	3	"	*01*
1201	14.9	+ 3 24	9.2	9.18	01	3	9	. .
1211	15.0	+ 4 26	9.0	8.96	01	3	9	. .
1377	15.1	+48 1	9.5	9.41	01	15	4	. .
. .	15.1	+47 57	. .	11.37	02	9	4	. .
1193	15.1	+ 2 44	9.3	9.90	01	2	9	. .
"	"	" "	"	9.77	01g	1	"	. .
1305	15.2	+ 1 28	9.3	9.64	01	3	9	. .
1567	15.2	− 2 12	9.4	9.20	02	6	4	. .
1160	15.3	+15 6	8.8	9.19	08	3	18	*05*
"	"	" "	"	9.22	08b	3	"	*08*
"	"	" "	"	9.22	10	3	1	*08*
1128	15.3	+11 47	7.5	6.53	08b	3	12	*10*
"	"	" "	"	6.43	08c	3	"	00
1216	15.4	+ 4 59	8.8	8.76	01	3	1	*10*
"	"	" "	"	8.51	01g	3	"	15
1214	15.6	+17 49	6.5	6.31	08b	3	12	15
"	"	" "	"	6.57	08c	3	"	*11*
. .	15.7	+47 37	. .	10.92	02	6	4	. .
1452	15.7	−13 12	9.1	9.32	04	2	22	. .
"	"	" "	"	9.69	04b	2	"	. .
1300	16.2	+50 5	9.0	9.21	01	5	1	*24*
. .	16.2	+47 39	. .	11.64	01	8	4	. .
. .	16.2	+47 34	. .	12.27	01	8	4	. .
1207	16.2	− 1 11	8.0	7.78	02	6	4	. .
1301	16.3	+50 4	8.9	8.67	01	4	1	05
. .	16.3	+47 53	. .	12.62	01	7	4	. .
. .	16.3	+47 41	. .	12.61	01	7	4	. .
1258	16.3	+14 21	8.7	8.88	10	4	7	. .
. .	16.4	+47 53	. .	12.35	01	7	4	. .
1260	16.6	+14 55	8.4	8.22	10	4	1	22
1106	16.6	+10 4	9.0	9.31	01r	6	1	*23*
. .	16.6	−13 0	. .	11.01	06	2	25	. .
	h. m.	° ′						
1452	6 16.8	−12 5	8.4	7.97	03	1	22	. .
"	"	" "	"	8.11	03g	1	"	. .
"	"	" "	"	8.12	04	2	"	. .
"	"	" "	"	7.82	04b	2	"	. .
1304	16.9	+22 34	3.0	2.97	04b	1	13	22
"	"	" "	"	3.04	04c	3	"	15
"	"	" "	"	2.98	04d	1	"	21
"	"	" "	"	2.93	05c	1	"	26
"	"	" "	"	3.22	05d	1	"	*03*
1292	17.0	+47 10	7.8	8.09	02	6	4	. .
1123	17.0	+12 37	6.8	5.89	08b	3	12	08
"	"	" "	"	5.86	08c	3	"	11
1212	17.0	− 1 59	8.7	8.75	02	6	4	*18*
"	"	" "	"	8.58	08	4	"	*01*
1111	17.1	+10 9	8.9	8.57	01	7	1	05
1396	17.1	+ 0 4	9.0	9.08	01	3	1	*05*
"	"	" "	"	9.04	01g	3	"	*01*
"	"	" "	"	8.94	08	4	"	09
1453	17.1	−12 56	9.6	10.58	06	8	24	. .
. .	17.2	+47 35	. .	11.15	02	6	4	. .
1262	17.2	+14 33	9.1	9.46	10	4	7	. .
1214	17.2	+ 3 29	9.0	8.22	09	4	24	. .
1215	17.2	− 1 26	8.5	8.53	02	6	4	. .
1306	17.3	+22 2	8.4	8.01	05	3	22	. .
"	"	" "	"	8.02	05b	3	"	. .
. .	17.3	− 2 12	. .	11.63	08	4	4	. .
. .	17.5	+47 36	. .	11.67	02	6	4	. .
1397	17.5	+ 0 9	9.0	9.04	08	4	1	*36*
1579	17.5	− 2 40	7.8	7.81	02	6	4	. .
1113	17.6	+10 13	8.3	8.25	01	7	1	*02*
1293	17.7	+47 40	9.5	10.43	02	6	4	. .
1176	17.7	+15 9	8.0	8.20	10	1	7	. .
1266	17.7	+14 21	9.4	10.44	10	4	7	. .
. .	17.7	− 2 7	. .	12.58	08	4	4	. .
1582	17.7	− 2 55	9.5	9.82	02	12	4	. .
"	"	" "	"	9.82	02g	1	"	. .
1250	17.9	+25 4	9.5	9.71	09	4	24	. .
1220	17.9	+ 3 27	9.5	10.59	09	2	25	. .
. .	17.9	− 2 5	. .	11.20	08	4	4	. .
. .	17.9	− 2 7	. .	10.85	08	4	4	. .
1246	18.0	+24 58	9.5	9.92	09	2	25	. .
1441	18.1	+44 54	9.0	9.35	01	4	1	12
1179	18.1	+15 2	8.8	8.90	10	3	1	*14*
1583	18.1	− 2 36	8.8	8.93	02	6	4	. .
1584	18.2	− 2 27	9.5	10.30	02	12	4	. .
"	"	" "	"	10.22	08	4	"	. .
1467	18.3	−17 54	3	2.06	03c	2	13	*07*
"	"	" "	"	1.82	03d	2	"	17
"	"	" "	"	2.40	04c	1	"	*41*
"	"	" "	"	1.79	04d	1	"	20

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1236	6 18.5 18.5	+ 4 39 + 4 39	4.9	4.61	01i	3	1	*28*
“	“	“ “	“	4.58	04b	1	13	*25*
“	“	“ “	“	4.22	04c	3	“	11
“	“	“ “	“	4.34	04d	2	“	*01*
1265	18.6	+ 7 19	9.2	9.00	07	4	5	. .
1402	18.6	+ 0 2	9.1	9.02	08	4	1	06
1364	18.6	−15 5	9.1	9.18	03	1	25	*22*
1226	18.7	+ 3 12	9.4	10.09	01	3	9	. .
1267	18.8	+ 7 8	8.6	8.48	01	6	25	02
“	“	“ “	“	8.27	01g	6	“	23
“	“	“ “	“	8.49	07	4	5	01
1403	18.8	+ 0 2	8.6	8.22	08	4	1	06
1404	18.8	+ 0 32	9.5	10.63	01	3	9	. .
1323	18.9	+ 1 18	9.2	9.01	01	3	9	. .
1589	19.0	− 2 22	9.2	9.42	02	6	4	. .
1372	19.0	−20 2	9.2	9.80	99	1	25	. .
1135	19.1	+16 7	6.7	6.34	08b	3	12	01
“	“	“ “	“	6.43	08c	3	“	*08*
1184	19.2	+15 4	8.8	9.05	10	3	1	*16*
1271	19.2	+ 7 20	9.5	10.45	07	4	5	. .
1241	19.3	+ 4 32	8.7	8.18	01	3	9	. .
1218	19.3	+ 2 11	9.5	10.31	01	3	9	. .
1445	19.4	+44 52	8.6	8.68	01	4	1	24
1347	19.4	+23 23	6.8	6.23	08b	3	12	*21*
“	“	“ “	“	5.92	08c	3	“	10
1229	19.4	+ 6 53	9.0	8.98	07	3	5	. .
1323	19.5	+22 31	7.7	6.98	05	3	22	. .
“	“	“ “	“	6.95	05b	3	“	. .
1281	19.5	+14 54	9.0	9.18	10	3	1	*19*
1470	19.8	−12 55	6.3	6.08	08b	3	12	*13*
“	“	“ “	“	6.20	08c	3	“	*25*
1276	19.9	+ 7 3	9.5	10.09	07	4	5	. .
1233	20.0	+ 6 53	9.4	10.50	07	2	5	. .
1030	20.1	+54 56	8.7	9.01	06	6	1	*10*
1234	20.1	+ 6 54	9.0	9.02	07	4	5	. .
1332	20.1	+ 1 33	7.6	6.59	08b	3	12	*13*
“	“	“ “	“	6.67	08c	3	“	*21*
1299	20.4	+47 28	7.0	6.41	08b	3	12	*07*
“	“	“ “	“	6.47	08c	3	“	*13*
1238	20.5	+ 6 59	9.3	9.70	07	4	5	. .
1281	20.6	+ 7 32	8.8	8.78	07	4	5	. .
1227	20.6	+ 2 19	6.9	6.55	08b	4	12	*27*
“	“	“ “	“	6.38	08c	4	“	*10*
1602	20.6	− 2 13	9.3	10.14	02	6	4	. .
1035	20.8	+54 49	8.0	8.29	06	6	1	17
1603	20.8	− 2 19	9.8	10.51	08	4	4	. .
1425	20.8	− 3 50	7.2	6.53	08b	3	R	*13*
“	“	“ “	“	6.50	08c	3	“	*10*
1300	21.0	+32 38	6.5	6.51	08b	4	12	*08*
A	6 21.0	+32 38	6.5	6.50	08c	4	12	*07*
1486	21.1	−11 11	9.0	8.58	03	1	22	. .
“	“	“ “	“	9.17	03g	1	“	. .
“	“	“ “	“	8.75	04	2	“	. .
“	“	“ “	“	8.90	04b	2	“	. .
1422	21.2	− 7 51	6.8	6.50	08b	3	12	*11*
“	“	“ “	“	6.57	08c	3	“	*18*
1290	21.3	+ 7 10	9.1	9.24	07	4	5	. .
1235	21.4	+ 2 17	9.5	9.69	01	3	9	. .
1242	21.6	− 1 27	6.5	5.96	08b	3	12	*23*
“	“	“ “	“	5.82	08c	3	“	*09*
1344	21.7	+ 1 8	9.5	10.99	01	3	9	. .
1456	21.8	+44 57	8.3	8.71	01	3	1	*14*
1293	21.9	+ 7 0	8.7	8.53	07	4	5	. .
1423	21.9	+ 0 3	9.3	9.49	01	3	9	. .
1429	21.9	− 7 27	6.7	6.41	08b	3	12	*11*
“	“	“ “	“	6.37	08c	3	“	*07*
973	22.2	+60 7	9.1	9.66	10	4	1	*10*
1499	22.2	+49 50	9.0	9.25	01	4	1	*08*
1260	22.2	+ 4 36	9.5	9.88	01	3	9	. .
1254	22.2	+ 3 28	9.5	10.52	01	3	9	. .
1492	22.2	−11 9	8.8	8.42	03	1	22	. .
“	“	“ “	“	8.93	03g	1	“	. .
“	“	“ “	“	8.90	04	2	“	. .
“	“	“ “	“	8.82	04b	2	“	. .
1453	22.5	−14 37	8.9	8.26	04	1	25	. .
1264	22.6	+ 4 52	8.9	8.83	01	3	1	02
“	“	“ “	“	8.89	01g	3	“	*04*
1122	22.7	+27 2	7.0	6.43	08b	4	12	06
“	“	“ “	“	6.47	08c	4	“	02
1159	22.7	+16 19	6.5	6.11	08b	3	12	22
“	“	“ “	“	6.23	08c	3	“	10
1147	22.7	+10 12	8.8	7.91	01	7	1	23
1441	23.0	+20 17	4.3	4.26	04b	2	13	*20*
“	“	“ “	“	4.04	04c	2	“	02
“	“	“ “	“	4.25	04d	1	“	*19*
“	“	“ “	“	4.44	05c	1	“	*38*
“	“	“ “	“	4.03	05d	1	“	03
1526	23.0	− 4 42	5.4	4.88	04b	2	13	10
“	“	“ “	“	5.09	04c	2	“	*11*
“	“	“ “	“	5.29	05c	1	“	*31*
“	“	“ “	“	4.98	05d	1	“	00
1244	23.1	+ 1 58	7.1	6.31	08b	3	12	*02*
“	“	“ “	“	6.51	08c	3	“	*22*
177	23.4	+82 12	6.7	6.53	08b	2	12	*14*
“	“	“ “	“	6.78	08c	2	“	*39*
1193	23.5	+11 5	7.1	6.51	08b	3	12	*08*
“	“	“ “	“	6.62	08c	3	“	*19*
257	23.9	+75 39	8.5	8.91	06	6	1	*04*
1245	23.9	+30 31	8.4	8.52	07	4	17	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	6 23.9	+30 31	8.4	8.52	07b	4	12	. .	1364	6 25.9	+22 15	7.2	7.16	05	3	22	01
975	24.0	+60 4	8.5	8.83	06	3	1	13	“	“	“ “	“	7.14	05b	3	“	03
“	“	“ “	“	8.84	10	4	1	12	*1178*	25.9	+15 58	6.6	6.42	08b	3	12	*05*
1253	24.0	+ 2 43	6.8	6.19	08b	3	12	20	“	“	“ “	“	6.22	08c	3	“	15
“	“	“ “	“	6.40	08c	3	“	*01*	1273	26.0	+ 6 24	9.0	9.30	06	9	25	. .
1574	24.0	− 6 58	5.5						1519	26.0	−13 5	6.3	6.35	08b	4	12	*26*
1575	24.0	− 6 58	5.5	4.41	04b	1	13	*47*	“	“	“ “	“	6.36	08c	2	“	*27*
	24.0	− 6 58							1207	26.1	+11 52	7.1	6.67	08b	3	12	*21*
“	“	“ “	“	3.95	04c	2	“	*01*	“	“	“ “	“	6.47	08c	3	“	*01*
“	“	“ “	“	4.11	04d	1	“	*17*	1274	26.2	+ 6 32	8.8	8.44	06	7	25	. .
“	“	“ “	“	3.97	05c	1	“	*03*	1275	26.2	+ 6 14	9.3	8.99	06	5	25	. .
“	“	“ “	“	4.04	05d	1	“	*10*	1377	26.2	+ 1 40	9.5	10.05	01	3	9	. .
1506	24.2	−17 24	6.3	6.06	08b	3	12	*12*	1297	26.3	+ 4 24	9.5	9.68	01	3	9	. .
“	“	“ “	“	6.06	08c	3	“	*12*	1271	26.3	+ 2 40	9.5	9.57	01	3	9	. .
1352	24.3	+22 37	7.5	6.83	05	3	22	00	1511	26.4	+49 54	8.8	9.14	01	3	1	*22*
“	“	“ “	“	6.86	05b	3	“	*03*	1276	26.4	+ 6 51	8.0	7.25	06	6	25	. .
1546	24.3	−10 16	8.5	8.17	03	2	22	. .	1459	26.4	− 8 47	9.5	9.99	06	6	3	. .
“	“	“ “	“	8.39	03g	2	“	. .	*979*	26.6	+59 59	8.4	8.42	06	2	1	*16*
“	“	“ “	“	8.36	04	1	“	. .	“	“	“ “	“	8.43	10	4	“	*17*
“	“	“ “	“	8.34	04b	1	“	. .	995	26.7	+59 51	8.4	8.42	10	4	1	04
1248	24.4	+29 53	8.3	8.08	08	2	18	*02*	1213	26.8	+11 45	7.0	6.01	08b	3	12	14
“	“	“ “	“	8.12	08b	2	“	*06*	“	“	“ “	“	5.97	08c	3	“	18
“	“	“ “	“	8.18	09	2	“	*12*	1278	26.8	+ 6 6	8.0	6.62	06	6	25	05
1262	24.4	+ 6 39	9.4	9.82	06	7	25	. .	1285	26.8	+ 5 3	9.0	8.52	06	7	1	*06*
1264	24.5	+ 6 14	9.0	9.10	06	6	25	. .	1505	26.8	− 9 4	9.3	9.64	06	6	3	. .
1309	24.6	− 0 2	8.6	8.34	08	4	1	14	1166	26.9	+10 2	9.0	8.72	07	4	1	10
1156	24.9	+10 12	8.3	8.09	01	7	1	*01*	1286	26.9	+ 5 3	9.0	8.04	06	8	1	12
1268	25.0	+21 53	8.1	7.22	05	3	22	. .	1461	27.0	− 8 37	9.8	10.37	06	6	3	. .
“	“	“ “	“	7.43	05b	3	“	. .	1464	27.1	− 8 22	9.1	9.39	06	6	3	. .
1270	25.1	−21 48	8.6	7.86	05	3	22	. .	1356	27.2	+33 6	6.5	6.52	08b	4	12	*14*
“	“	“ “	“	7.97	05b	3	“	. .	“	“	“ “	“	6.35	08c	4	“	03
1449	25.2	+ 0 2	8.5	7.71	01	3	1	37	1235	27.3	+15 15	9.0	8.70	06	6	5	. .
“	“	“ “	“	7.82	01g	3	“	26	1337	27.5	+ 7 24	5.0	4.23	04b	1	13	27
1267	25.3	+ 3 44	9.5	10.35	01	3	9	. .	“	“	“ “	“	4.27	04c	2	“	23
1275	25.4	+17 1	6.3	6.22	08b	3	12	*03*	“	“	“ “	“	4.14	04d	1	“	36
“	“	“ “	“	6.20	08c	3	“	*01*	“	“	“ “	“	4.48	05c	1	“	02
1270	25.4	+ 6 24	9.5	10.13	06	6	25	. .	“	“	“ “	“	4.44	05d	1	“	06
1270	25.4	+ 5 56	8.9	8.73	06	6	25	. .	3991	27.6	−23 21	4.5	4.64	03b	1	13	*29*
1552	25.4	−10 41	8.3	7.74	03	2	22	. .	“	“	“ “	“	4.48	03c	1	“	*13*
“	“	“ “	“	7.98	03g	2	“	. .	“	“	“ “	“	4.68	04b	2	“	*33*
“	“	“ “	“	7.82	04	1	“	. .	“	“	“ “	“	4.48	04c	2	“	*13*
“	“	“ “	“	7.91	04b	1	“	. .	260	27.7	+75 19	8.8	8.94	06	6	1	*07*
4085	25.4	−24 52	9.8	11.08	04	1	25	. .	1292	27.7	+ 5 7	9.0	8.90	06	7	1	*44*
1271	25.5	+ 6 23	9.3	9.24	06	6	25	. .	1238	27.9	+15 16	9.2	9.42	06	6	5	. .
1204	25.6	+11 19	6.8	6.01	08b	3	12	*18*	1388	28.1	+ 8 24	8.7	8.34	09	4	7	. .
“	“	“ “	“	5.93	08c	3	“	*10*	1239	28.2	+15 8	9.0	9.50	06	6	5	*11*
1272	25.6	+ 6 28	9.5	10.36	06	6	25	. .	1471	28.3	− 8 51	8.9	8.62	06	6	3	. .
1452	25.6	+ 0 25	9.5	10.95	01	3	9	. .	1390	28.4	+ 8 50	9.3	9.43	09	4	7	. .
1160	25.7	+10 11	8.8	8.80	07	4	1	*10*	1473	28.4	− 8 51	9.4	9.41	06	6	3	. .
1269	25.8	+ 9 51	8.8	8.72	07	4	1	00	1472	28.5	− 8 37	9.5	9.45	06	8	3	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	6 28.6	− 8 34	..	11.16	06	2	3	..
262	28.7	+75 47	8.6	8.59	06	6	1	08
1242	28.8	+15 9	9.3	9.54	06	6	5	..
1397	29.0	+ 8 48	9.4	9.56	09	4	7	..
1401	29.1	+34 48	9.0	9.34	09	2	1	28
1244	29.1	+15 9	8.6	8.22	06	6	5	..
1519	29.1	− 9 17	8.7	8.62	06	6	3	..
212	29.2	+79 40	5.5	5.56	08b	1	19	04
"	"	" "	"	5.98	08c	1	"	*38*
1245	29.2	+15 27	9.4	9.81	06	6	5	..
1399	29.2	+ 8 26	9.2	9.15	09	1	7	..
1400	29.2	+ 8 56	9.2	9.16	09	4	7	..
1296	29.2	+ 2 3	9.5	9.68	01	3	9	..
1288	29.3	+ 9 50	9.1	8.95	07	4	5	09
"	"	" "	"	8.87	09	4	1	17
1401	29.3	+ 8 29	9.5	9.82	09	4	7	..
1521	29.3	− 9 58	9.1	9.76	06	6	1	*10*
..	29.4	+ 8 54	..	9.14	09	4	7	..
1357	29.4	+ 7 39	7.5	6.40	08b	3	12	02
"	"	" "	"	6.51	08c	3	"	*09*
1248	29.7	+15 0	9.5	10.44	06	6	5	..
1249	29.7	+15 47	8.7	8.59	06	6	5	..
1474	29.7	− 7 53	8.5	8.39	03	1	22	..
"	"	" "	"	8.41	03g	1	"	..
"	"	" "	"	8.52	04	2	"	..
"	"	" "	"	8.48	04b	2	"	..
1522	29.7	− 9 11	9.8	10.44	06	6	3	..
1540	29.8	+38 52	8.1	8.75	07	4	17	..
"	"	" "	"	8.81	07b	4	"	..
1487	29.8	+ 0 17	9.3	9.96	01	4	9	..
1251	29.9	+15 3	8.9	8.84	06	7	5	15
1188	29.9	+10 55	8.6	8.17	08	2	18	..
"	"	" "	"	8.40	08b	2	"	..
"	"	" "	"	8.14	09	2	"	..
1293	29.9	+ 9 55	9.2	8.77	05	6	1	*05*
"	"	" "	"	8.91	07	14	"	*19*
"	"	" "	"	8.92	09	4	"	*20*
1480	29.9	− 8 32	8.8	8.50	03	1	22	..
"	"	" "	"	8.51	03g	1	"	..
"	"	" "	"	8.58	04	2	"	..
"	"	" "	"	8.52	04b	2	"	..
"	"	" "	"	8.60	06	6	3	..
1311	30.1	+ 3 21	9.5	10.14	01	3	9	..
1407	30.1	+ 1 29	9.3	10.06	01	2	9	..
1253	30.2	+15 25	9.5	10.28	06	6	5	..
1295	30.2	+ 9 56	8.6	8.06	08	2	1	*14*
"	"	" "	"	7.95	08b	2	"	*03*
"	"	" "	"	7.98	09	2	"	*06*
1335	30.4	+25 2	9.4	9.85	04	1	25	..
1333	30.4	+ 4 22	9.5	9.86	01	3	9	..
	h. m.	° ′						
1458	6 30.9	−22 53	5.0	4.59	03b	1	13	*05*
"	"	" "	"	4.61	03c	1	"	*07*
"	"	" "	"	4.90	04b	2	"	*36*
"	"	" "	"	4.57	04c	2	"	*03*
1408	31.0	+34 52	8.6	8.68	09	2	1	14
..	31.4	+59 57	..	12.56	10	4	7	..
..	31.4	+59 55	..	12.59	10	4	7	..
1412	31.6	+34 55	8.8	9.04	09	2	1	*12*
1331	31.7	+44 59	9.1	9.42	05	3	1	*30*
"	"	" "	"	9.50	05b	3	"	*38*
"	"	" "	"	9.30	07	3	"	*18*
"	"	" "	"	9.49	07b	3	"	*37*
1223	31.9	+16 29	2.1	2.24	04c	2	13	*31*
"	"	" "	"	1.72	04d	2	"	21
"	"	" "	"	1.97	05c	1	"	*04*
"	"	" "	"	1.68	05d	1	"	25
4210	32.0	−24 46	7.2	7.96	04	1	25	*32*
1262	32.1	+15 7	8.6	8.54	06	5	1	*10*
1201	32.1	+10 56	7.1	6.33	08b	3	12	27
"	"	" "	"	6.44	08c	3	"	16
..	32.1	+ 0 50	..	10.81	08	2	8	..
1333	32.3	+ 5 1	8.4	8.11	06	7	1	*10*
1502	32.3	−19 10	4.2	3.69	03c	1	13	45
"	"	" "	"	4.23	03d	1	"	*09*
"	"	" "	"	4.05	04b	1	"	09
"	"	" "	"	3.92	04c	2	"	22
"	"	" "	"	4.50	04d	1	"	*36*
4217	32.3	−24 49	10	12.02	04	2	25	..
1315	32.4	+ 2 48	6.1	6.28	08b	3	12	14
"	"	" "	"	6.53	08c	3	"	*11*
1004	32.5	+59 48	9.2	9.62	10	4	7	..
1511	32.5	+ 0 50	9.4	9.88	08	2	8	..
1472	32.5	−22 32	7.0	6.68	08b	3	12	*45*
"	"	" "	"	6.75	08c	3	"	*52*
1266	32.7	+15 8	8.9	9.09	06	5	1	00
1375	32.7	+14 51	9.0	9.12	06	5	1	02
..	32.8	+59 54	..	11.16	10	4	7	..
1508	32.8	+44 57	8.5	9.01	05	3	1	16
"	"	" "	"	8.94	05b	3	"	23
"	"	" "	"	8.99	07	3	"	18
"	"	" "	"	8.95	07b	3	"	22
..	33.0	+59 49	..	10.69	10	4	7	..
1420	33.0	+34 54	9.0	9.56	09	2	1	*14*
..	33.0	+ 0 51	..	11.66	08	2	8	..
4232	33.0	−24 49	10	11.68	04	1	25	..
1416	33.1	+22 7	7.0	6.18	08b	3	12	10
"	"	" "	"	6.01	08c	3	"	27
1340	33.1	+ 4 58	9.0	8.36	06	7	1	45
1566	33.1	−12 54	6.8	6.11	08b	3	12	10
"	"	" "	"	6.21	08c	3	"	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	6 33.2	+59 53	..	11.81	10	4	7	..	959	6 35.0	+58 34	8.8	8.01	05	4	4	..
..	33.2	+ 8 56	..	11.14	05	5	4	..	“	“	“ “	“	8.03	06	2	“	..
..	33.2	+ 8 54	..	10.66	05	6	4	..	..	35.0	+ 0 53	..	10.54	08	2	8	..
1361	33.2	+ 4 42	8.2	7.75	01	1	25	..	1332	35.1	+ 9 53	8.5	8.40	09	4	1	*28*
“	“	“ “	“	7.37	01g	1	“	..	1338	35.1	+ 6 28	7.0	6.41	08b	3	12	*04*
1441	33.2	+ 1 24	9.3	10.33	01	3	9	..	“	“	“ “	“	6.59	08c	3	12	*22*
1424	33.3	+ 8 55	9.5	10.10	05	6	4	..	..	35.1	+ 0 56	..	10.73	08	2	8	..
1363	33.3	+ 4 44	8.8	8.86	01	3	1	*51*	1335	35.2	+ 9 52	8.8	8.84	05	6	1	*07*
“	“	“ “	“	8.55	01g	3	“	*20*	“	“	“ “	“	8.78	07	10	“	*01*
1517	33.3	+ 0 54	8.6	8.22	08	2	8	27	“	“	“ “	“	8.66	09	4	“	11
1691	33.4	− 2 27	6.4	6.09	08b	3	12	24	1439	35.2	+ 8 36	9.1	8.86	10	3	23	..
“	“	“ “	“	6.33	08c	3	“	00	1386	35.3	+31 34	9.5	11.11	09	4	25	..
..	33.5	+ 8 45	..	11.74	05	4	4	..	1302	35.4	+30 6	9.2	9.70	06	2	1	*29*
“	“	“ “	“	11.59	07	5	“	..	1539	35.4	+ 0 48	9.4	9.86	08	2	8	..
1443	33.5	+ 1 42	6.8	6.46	08b	3	12	*33*	960	35.6	+58 2	9.0	9.54	05	8	4	..
“	“	“ “	“	6.31	08c	3	“	*18*	“	“	“ “	“	9.57	06	2	“	..
1492	33.5	−18 9	4.9	4.32	03b	1	13	33	1582	35.6	− 9 49	9.2	9.61	00	1	25	..
“	“	“ “	“	4.75	03c	1	“	*10*	1388	35.7	+31 33	8.1	7.98	09	8	24	..
“	“	“ “	“	4.42	04b	2	“	23	1273	35.7	+11 6	6.9	6.21	08b	3	12	22
“	“	“ “	“	4.31	04c	2	“	34	“	“	“ “	“	6.49	08c	3	“	*06*
1006	33.7	+59 47	8.3	7.07	10	4	7	..	1344	35.7	+ 9 34	8.1	7.38	01	6	25	*36*
1339	33.8	+17 35	8.7	8.26	04	3	22	..	“	“	“ “	“	7.17	01g	6	“	*15*
“	“	“ “	“	7.94	04b	3	“	..	961	35.8	+58 49	9.0	9.48	05	4	4	..
1429	33.8	+ 8 52	9.3	10.29	05	6	4	..	“	“	“ “	“	9.22	06	2	“	..
“	“	“ “	“	10.04	07	9	R	..	1517	35.8	+44 56	8.8	9.24	05	3	1	08
..	33.8	+ 8 48	..	12.99	07	4	6	..	“	“	“ “	“	9.39	05b	3	“	*07*
1521	33.8	+ 0 6	8.8	8.99	01	4	1	*11*	“	“	“ “	“	9.31	07	3	“	01
“	“	“ “	“	8.95	01g	4	“	*07*	“	“	“ “	“	9.40	07b	3	“	*08*
..	33.9	+59 52	..	10.14	10	4	7	..	1012	35.9	+59 57	8.5	8.95	05	4	1	*09*
1430	33.9	+ 8 44	8.9	9.26	05	6	4	..	“	“	“ “	“	8.75	06	2	“	11
..	33.9	+ 8 34	..	10.68	07	5	4	..	“	“	“ “	“	8.75	10	4	“	11
1368	33.9	+ 4 35	9.5	9.93	01	3	9	..	1348	35.9	+ 9 19	8.7	8.76	08	2	18	..
1330	33.9	+ 2 32	9.5	9.61	01	3	9	..	“	“	“ “	“	9.09	08b	2	“	..
1338	34.0	+ 3 13	9.5	9.87	01	3	9	..	“	“	“ “	“	9.21	09	2	“	..
1524	34.0	+ 0 35	9.4	10.59	01	3	9	..	1349	35.9	+ 9 50	8.8	8.54	05	4	1	18
..	34.1	+ 0 57	..	10.90	08	2	8	..	“	“	“ “	“	8.48	07	10	“	24
1554	34.1	−16 47	6.3	6.33	08b	3	12	*40*	“	“	“ “	“	8.65	08	1	“	07
“	“	“ “	“	6.12	08c	3	“	*19*	“	“	“ “	“	8,80	08b	1	“	*08*
1356	34.2	+13 5	7.0	6.09	08b	3	12	*21*	“	“	“ “	“	8.64	09	6	“	08
“	“	“ “	“	5.73	08c	3	“	15	962	36.1	+58 19	8.5	8.34	05	4	4	..
4263	34.4	−24 49	8.3	8.80	04	1	25	..	“	“	“ “	“	8.56	06	2	“	..
1435	34.6	+ 8 38	9.2	9.03	05	6	4	..	1056	36.1	+53 24	6.5	6.33	08b	3	12	05
1568	34.6	− 9 53	9.0	9.24	06	6	1	07	“	“	“ “	“	6.42	08c	3	“	*04*
1525	34.7	−14 3	5.5	4.33	03b	1	13	64	4302	36.1	−24 45	9.6	10.10	04	1	25	..
“	“	“ “	“	4.97	03c	1	“	00	..	36.2	+ 0 57	..	11.60	08	2	8	..
“	“	“ “	“	4.62	04b	2	“	35	1519	36.3	+44 50	8.8	9.38	05	3	1	*01*
“	“	“ “	“	4.92	04c	2	“	05	“	“	“ “	“	9.47	05b	3	“	*10*
1482	34.9	+36 3	6.5	6.40	08b	4	12	*07*	“	“	“ “	“	9.44	07	3	“	*07*
“	“	“ “	“	6.42	08c	4	“	*09*	“	“	“ “	“	9.34	07b	3	“	03
1427	34.9	+34 57	8.7	9.16	09	2	1	*04*	“	“	“ “	“	9.04	08	2	18	33

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	6 36.3	+44 50	8.8	9.58	08b	2	18	*21*	A	6 38.0	+17 58	9.4	10.00	04b	4	22	..
“	“	“ “	“	9.30	09	2	“	07	“	“	“ “	“	9.74	07	8	17	..
1355	36.3	+17 23	9.3	9.25	04	6	22	..	1528	38.2	+44 21	7.8	7.60	05	6	11	..
“	“	“ “	“	9.49	04b	6	“	..	1610	38.2	− 9 58	9.0	8.71	06	6	1	00
1520	36.4	+44 31	8.4	8.69	05	6	11	..	1390	38.3	+13 20	5.1	4.59	04b	4	13	06
1675	36.4	− 6 33	9.0	8.68	04	3	22	..	“	“	“ “	“	4.61	04c	3	“	04
“	“	“ “	“	8.77	04b	3	“	..	1365	38.3	+ 2 32	9.5	10.34	01	3	9	..
1567	36.5	+37 15	6.5	6.26	08b	4	12	*02*	..	38.3	+ 0 55	..	11.27	08	2	8	..
“	“	“ “	“	6.26	08c	4	“	*02*	1370	38.4	+17 40	8.6	7.85	05	3	22	..
1306	36.6	+30 5	8.6	9.01	05	1	1	*25*	“	“	“ “	“	8.28	05b	3	“	..
“	“	“ “	“	9.08	06	2	“	*32*	1479	38.5	+ 1 25	9.5	10.47	01	3	9	..
1351	36.6	+ 6 27	7.3	6.36	08b	3	12	*16*	1531	38.6	+44 55	9.1	9.07	05	6	11	..
“	“	“ “	“	6.44	08c	3	“	*24*	1733	38.6	+39 48	9.1	9.73	00	1	25	..
..	36.6	+ 0 51	..	11.01	08	2	8	..	1505	38.6	−22 21	6.8	6.39	08b	3	12	*19*
4316	36.7	−24 46	8.7	8.60	04	1	25	..	“	“	“ “	“	6.60	08c	3	“	*40*
..	36.8	+57 58	..	11.58	05	4	4	..	1316	38.7	+30 12	9.0	9.46	07	2	17	..
“	“	“ “	“	11.67	06	2	“	..	“	“	“ “	“	9.84	07b	2	“	..
1599	37.0	−10 0	9.0	9.88	06	6	1	*07*	1318	38.7	+30 57	7.0	7.48	05	4	4	*35*
1392	37.1	+31 28	7.8	8.38	07	4	17	..	“	“	“ “	“	7.35	06	2	“	*22*
“	“	“ “	“	7.95	07b	4	“	..	1563	38.7	+ 0 25	9.5	10.29	01	3	9	..
1360	37.1	+ 3 30	9.4	10.03	09	2	25	..	1615	38.7	− 9 59	9.0	9.12	06	6	1	11
..	37.1	+ 3 24	..	10.78	09	1	25	..	1508	38.7	−20 3	8.7	8.30	03	3	1	13
1524	37.2	+44 40	9.1	9.44	05	6	11	..	“	“	“ “	“	8.49	03g	3	“	*06*
..	37.3	+58 6	..	10.98	05	4	4	..	1378	39.1	+17 50	9.0	8.99	05	3	22	..
1015	37.4	+59 33	5.0	4.89	05c	3	13	00	“	“	“ “	“	8.92	05b	3	“	..
“	“	“ “	“	4.88	05d	3	“	01	1533	39.4	+44 28	8.5	8.38	05	6	11	..
..	37.4	+57 58	..	11.12	05	4	4	..	..	39.4	+ 8 55	..	10.96	07	4	4	..
“	“	“ “	“	11.05	06	2	“	..	1380	39.4	+ 3 18	9.5	10.50	09	4	25	..
1725	37.4	+39 48	9.5	10.93	00	1	25	..	1381	39.5	+ 3 26	9.3	10.40	09	8	24	..
964	37.5	+58 3	9.3	9.30	05	4	4	..	1350	39.6	+45 9	9.3	9.77	05	12	11	..
“	“	“ “	“	9.20	06	2	“	..	“	“	“ “	“	9.66	07	3	“	..
1525	37.5	+44 37	7.0	6.74	05	3	1	06	“	“	“ “	“	9.88	07b	3	“	..
“	“	“ “	“	6.50	05b	3	“	30	..	39.7	+44 53	..	13.05	05	6	11	..
“	“	“ “	“	6.76	07	3	“	04	1396	39.7	+13 0	3.7	3.56	04c	2	13	*16*
“	“	“ “	“	6.63	07b	3	“	17	“	“	“ “	“	3.62	04d	1	“	*22*
1494	37.5	+36 12	6.7	6.36	08b	4	12	*08*	1534	39.9	+44 48	9.5	10.45	05	6	11	..
“	“	“ “	“	6.29	08c	4	“	*01*	999	40.1	+60 3	9.1	8.95	05	4	1	01
1324	37.5	+18 15	7.3	7.60	07	1	1	03	“	“	“ “	“	8.85	06	2	“	11
1364	37.5	+17 11	9.2	9.22	04	3	22	..	..	40.1	+45 2	..	12.51	05	6	11	..
“	“	“ “	“	9.27	04b	3	“	..	1352	40.2	+45 10	9.5	9.80	05	6	11	..
1407	37.5	+ 4 30	9.5	9.47	01	3	9	..	..	40.3	+44 55	..	11.47	05	6	11	..
965	37.8	+58 10	9.4	9.92	05	4	4	..	1324	40.3	+30 5	9.3	10.47	05	4	4	..
“	“	“ “	“	9.76	06	2	“	..	“	“	“ “	“	10.20	06	2	“	..
1406	37.8	+25 14	3.2	3.20	04c	1	13	*02*	1275	40.3	+12 49	8.0	6.44	08b	2	12	*01*
“	“	“ “	“	2.96	05c	2	“	22	“	“	“ “	“	6.40	08c	2	“	03
“	“	“ “	“	3.29	05d	2	“	*11*	“	“	“ “	“	6.27	09b	1	“	16
1368	37.8	+ 3 29	9.3	9.51	01	3	9	..	“	“	“ “	“	6.41	09c	1	“	02
1371	37.9	+ 3 8	7.0	6.21	08b	3	12	23	..	40.4	+44 59	..	11.10	05	6	11	..
“	“	“ “	“	6.33	08c	3	“	11	..	40.5	+45 4	..	13.05	05	6	11	..
1368	38.0	+17 58	9.4	9.64	04	4	22	..	1325	40.5	+30 57	9.0	10.08	05	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	6 40.5	+30 57	9.0	10.04	06	2	4	..	1568	6 42.2	−20 43	8.2	7.91	03	6	16	..
..	40.6	+30 22	..	11.26	05	3	4	..	1569	42.2	−20 28	9.0	8.60	03	6	16	..
1567	40.6	−14 51	9.5	10.00	03	1	25	..	..	42.3	−14 54	..	13.06	03r	8	14	..
1328	40.7	+29 58	9.5	10.79	05	4	4	..	1443	42.4	+ 4 43	9.5	9.53	01	3	9	..
“	“	“ “	“	10.71	06	2	“	..	1447	42.6	+ 4 46	9.3	9.42	01	4	1	18
1391	40.7	+17 28	9.1	8.89	04r	3	22	..	“	“	“ “	“	9.26	01g	4	“	34
“	“	“ “	“	8.69	04b	3	“	..	1397	42.6	+ 2 31	4.9	4.75	01i	2	1	*05*
..	40.8	+30 14	..	11.56	05	4	4	..	“	“	“ “	“	5.31	01gi	1	“	*61*
“	“	“ “	“	11.31	06	3	“	..	“	“	“ “	“	4.67	04b	3	13	03
1535	40.9	+44 41	9.3	9.66	05	6	11	..	“	“	“ “	“	4.95	04c	3	“	*25*
..	40.9	+30 25	..	11.52	05	4	4	..	“	“	“ “	“	4.82	04d	1	“	*12*
“	“	“ “	“	12.38	06	2	“	..	1336	42.7	+30 14	8.7	8.77	05	4	4	..
1410	41.0	+33 13	8.5	8.25	09	4	7	..	“	“	“ “	“	8.65	06	2	“	..
1330	41.0	+30 20	9.5	11.18	05	8	4	..	1574	42.7	−20 47	9.9	10.12	03	6	16	..
“	“	“ “	“	11.16	06	2	“	..	1575	42.7	−20 34	8.4	8.11	03	6	16	..
1587	41.0	+ 0 51	8.3	7.82	08	2	8	17	*1577*	42.8	−21 0	8.1	8.01	03	6	16	..
1331	41.1	+30 44	8.2	8.50	05	4	4	..	1579	43.0	−20 12	8.8	8.38	03	3	1	20
“	“	“ “	“	8.36	06	2	“	..	“	“	“ “	“	8.50	03g	3	“	08
..	41.1	−20 39	..	12.38	03	6	16	..	1404	43.2	+17 32	9.0	8.64	04	3	22	..
1538	41.2	−20 7	8.8	9.04	03	3	1	01	“	“	“ “	“	8.56	04b	3	“	..
“	“	“ “	“	9.25	03g	3	“	*20*	“	“	“ “	“	8.51	07	8	17	..
..	41.2	−20 40	..	10.95	03	7	16	..	1580	43.2	−20 30	9.8	10.60	03	7	16	..
4325	41.2	−23 22	6.9	6.27	08b	3	12	*04*	1386	43.3	− 1 12	6.7	5.94	08b	3	12	*28*
“	“	“ “	“	6.44	08c	3	“	*21*	“	“	“ “	“	5.62	08c	3	“	04
1513	41.3	+41 22	8.0	7.67	08	1	12	R	..	43.5	+33 22	..	10.36	09	4	7	..
“	“	“ “	“	7.46	08b	3	“	“	1026	43.6	+59 47	9.0	9.18	05	4	1	08
“	“	“ “	“	7.44	08c	1	“	“	“	“	“ “	“	9.36	06	2	“	*10*
1392	41.3	+17 13	7.5	7.80	07	1	1	*37*	*1616*	43.6	− 0 2	8.8	8.64	01	4	1	*11*
1501	41.3	+ 1 37	9.5	9.97	01	3	9	..	“	“	“ “	“	8.50	01g	4	“	03
1590	41.3	+ 0 25	9.4	9.95	01	3	9	..	1566	43.9	−19 54	8.6	8.25	03	3	1	*19*
..	41.3	−20 42	..	11.34	03	6	16	..	“	“	“ “	“	8.36	03g	3	“	*30*
1545	41.3	−20 43	9.0	9.04	03	6	16	..	1416	44.0	+33 13	9.3	9.54	09	4	7	..
“	“	“ “	“	9.30	03g	6	“	..	1629	44.5	+ 0 51	9.0	9.12	05	6	16	17
1332	41.4	+30 13	7.8	8.09	05	4	4	*08*	1631	44.5	+ 0 8	9.3	9.76	05	6	16	..
“	“	“ “	“	7.68	06	2	“	33	1289	44.6	+10 9	9.0	9.00	05	3	1	*28*
1551	41.4	−20 58	8.4	8.02	03	6	16	..	“	“	“ “	“	9.04	06	2	“	*32*
1412	41.5	+33 9	8.8	9.24	09	4	7	..	1634	44.8	+ 0 21	9.5	10.30	01	3	9	..
1349	41.5	+18 18	6.5	6.11	08b	3	12	05	*1345*	44.9	+29 58	7.9	7.97	05	3	1	19
“	“	“ “	“	6.25	08c	3	“	*09*	“	“	“ “	“	7.91	06	2	“	25
“	“	“ “	“	6.12	09b	1	“	04	1635	44.9	+ 0 52	8.7	8.53	05	3	1	*19*
“	“	“ “	“	6.11	09c	1	“	05	“	“	“ “	“	8.50	05b	3	“	*16*
..	41.5	−20 41	..	10.80	03	6	16	..	1637	45.1	+ 0 15	8.5	7.94	05	6	16	..
..	41.5	−20 44	..	11.38	03	6	16	..	1555	45.2	+49 44	9.0	9.33	00	1	25	..
1389	41.6	+ 2 35	9.3	9.54	01	4	9	..	*1683*	45.3	− 5 2	9.0	8.58	05	2	1	02
“	“	“ “	“	9.79	01g	1	“	..	“	“	“ “	“	8.53	06	4	“	07
1401	41.9	+ 3 45	9.5	10.34	01	2	9	..	1419	45.4	+33 9	9.4	9.95	09	4	7	..
“	“	“ “	“	10.66	01g	1	“	..	1543	45.4	+ 1 36	9.4	9.32	01	3	9	..
1564	42.1	−20 44	9.4	8.97	03	6	16	..	266	45.5	+77 6	4.7	4.76	05c	3	13	*01*
1567	42.1	−20 50	9.7	10.61	03	6	16	..	“	“	“ “	“	4.68	05d	3	“	07
1598	42.2	+ 0 49	9.2	8.20	08	1	8	..	*1577*	45.5	−20 3	8.8	8.62	03	3	1	36

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	6 45.5	−20 3	8.8	9.01	03g	3	1	*03*
1423	45.6	+ 2 31	9.3	9.60	01	3	9	..
222	45.7	+79 17	8.0	8.26	08	1	19	..
"	"	" "	"	8.42	08b	1	"	..
"	"	" "	"	8.26	10	1	"	..
"	"	" "	"	8.75	10b	1	"	..
1518	45.9	+23 44	6.5	5.51	08b	3	12	26
"	"	" "	"	5.68	08c	3	"	09
1771	46.0	− 6 59	8.7	8.64	05	4	4	..
"	"	" "	"	8.75	06	1	"	..
1481	46.2	+34 5	3.2	3.58	05c	3	13	06
"	"	" "	"	3.52	05d	2	"	12
..	46.2	+ 0 34	..	12.47	05	6	16	..
1691	46.2	− 4 23	8.7	8.47	04	3	22	..
"	"	" "	"	8.47	04b	3	"	..
..	46.3	+ 0 34	..	11.81	05	6	16	..
1437	46.4	+ 3 9	7.0	6.43	08b	3	12	*21*
"	"	" "	"	6.39	08c	3	"	*17*
..	46.4	+ 0 34	..	11.38	05	6	16	..
1651	46.4	+ 0 25	8.5	8.30	05	6	16	..
1772	46.4	− 6 59	9.3	9.54	05	4	4	..
"	"	" "	"	9.53	06	1	"	..
1653	46.5	+ 0 32	8.8	8.76	05	12	16	..
1654	46.5	+ 0 27	9.2	9.13	05	6	16	..
1655	46.5	+ 0 29	8.5	8.31	05	6	16	..
1656	46.5	+ 0 55	8.8	7.86	05	3	1	31
"	"	" "	"	7.99	05b	3	"	18
1599	46.6	− 7 5	9.1	9.22	05	4	4	..
"	"	" "	"	9.23	06	2	"	..
1440	46.7	+ 3 27	9.5	10.05	01	3	9	..
1662	46.7	+ 0 47	R	10.05	05	3	1	*51*
"	"	" "	"	9.71	05b	3	"	*17*
..	46.7	− 7 1	..	11.73	06	6	4	..
..	46.8	+ 0 34	..	10.48	05	6	16	..
1776	46.8	− 6 58	10	10.80	05	4	4	..
"	"	" "	"	11.24	06	5	"	..
..	46.9	+ 0 35	..	10.46	05	6	16	..
1698	47.0	− 4 20	9.5	9.72	07	4	17	..
"	"	" "	"	10.07	07b	4	"	..
1568	47.1	+49 1	7.0	7.21	08	2	19	*34*
"	"	" "	"	6.86	08b	2	"	01
1468	47.1	− 0 10	8.7	8.55	08	3	18	*27*
"	"	" "	"	8.37	08b	3	"	*09*
1480	47.2	+ 4 14	9.0	9.09	01	1	25	..
1481	47.2	+ 4 19	9.5	10.53	01	2	9	..
"	"	" "	"	11.18	01g	1	"	..
1667	47.3	+ 0 25	9.3	10.02	05	6	16	..
1786	47.3	− 7 0	9.1	9.53	05	4	4	..
"	"	" "	"	9.82	06	2	"	..
1606	47.4	− 7 4	9.6	10.49	05	4	4	..
A	6 47.4	− 7 4	9.6	10.58	06	5	4	..
..	47.5	− 7 8	..	11.68	06	6	4	..
1672	47.6	+ 0 35	9.5	10.30	05	6	16	..
1703	47.6	− 4 15	9.0	8.51	04	3	22	..
"	"	" "	"	8.40	04b	3	"	..
1608	47.6	− 7 9	9.7	10.10	05	4	4	..
"	"	" "	"	10.35	06	3	"	..
1344	47.8	+11 7	6.8	6.28	08b	3	12	02
"	"	" "	"	6.47	08c	3	"	*17*
1705	47.8	− 4 30	9.5	9.65	09	3	25	..
..	47.8	− 7 6	..	11.26	06	6	4	..
1202	47.9	+45 57	6.8	6.30	08b	3	12	18
"	"	" "	"	6.34	08c	3	"	14
1675	47.9	+ 0 19	9.2	9.38	05	6	16	..
1391	48.0	+18 5	9.4	9.69	04	3	22	..
"	"	" "	"	10.08	04b	3	"	..
"	"	" "	"	9.91	07	8	17	..
1708	48.2	− 4 27	9.0	7.67	09	6	24	..
1573	48.3	+ 1 31	8.7	8.69	08	1	19	..
"	"	" "	"	8.77	08b	1	"	..
"	"	" "	"	9.27	10	4	"	..
982	48.6	+58 33	5.0	4.41	05c	3	13	13
"	"	" "	"	4.50	05d	3	"	04
1685	48.6	+ 0 51	8.5	8.20	05	3	1	*01*
"	"	" "	"	8.20	05b	3	"	*01*
1017	48.7	+57 41	6.3	6.21	08b	3	12	*08*
"	"	" "	"	6.27	08c	3	"	*14*
1441	48.8	+17 49	8.4	8.14	04	3	22	..
"	"	" "	"	7.50	04b	3	"	..
1860	48.8	− 5 3	9.1	8.88	05	2	1	02
"	"	" "	"	8.86	06	5	"	04
1316	48.9	+10 10	9.0	9.00	05	3	1	02
"	"	" "	"	9.14	06	2	"	*12*
1688	48.9	+ 0 48	9.0	9.07	05	3	1	07
"	"	" "	"	8.97	05b	3	"	17
1462	49.0	+13 18	5.3	4.90	04b	2	13	*20*
"	"	" "	"	4.70	04c	2	"	00
1356	49.2	+11 34	8.3	8.17	05	4	4	..
"	"	" "	"	8.04	06	3	"	..
..	49.2	− 7 27	..	10.65	09	4	7	..
1616	49.2	−20 6	5.4	4.66	03b	2	13	00
"	"	" "	"	4.62	03c	3	"	04
"	"	" "	"	4.70	05c	1	"	*04*
"	"	" "	"	4.67	05d	1	"	*01*
..	49.3	− 7 28	..	11.51	09	4	7	..
..	49.3	− 7 31	..	11.69	09	4	7	..
1621	49.3	− 7 34	9.6	9.92	09	4	7	..
1585	49.4	+ 1 27	9.5	9.81	01	4	9	..
1692	49.4	+ 0 25	9.4	9.65	01	3	9	..
1622	49.4	− 7 24	9.2	9.27	09	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	6 49.4	− 7 27	..	11.92	09	4	7	..
..	49.4	− 7 30	..	11.11	09	4	7	..
1205	49.5	+46 49	6.5	5.87	08b	3	12	16
“	“	“ “	“	5.88	08c	3	“	15
1624	49.5	− 7 16	8.3	8.07	05	3	4	..
“	“	“ “	“	8.47	05b	1	“	..
“	“	“ “	“	8.73	06	1	“	..
1681	49.5	−11 55	4.0	4.33	03b	1	13	*08*
“	“	“ “	“	4.04	03c	2	“	21
“	“	“ “	“	4.21	03d	1	“	04
“	“	“ “	“	4.17	04c	1	“	08
“	“	“ “	“	4.40	04d	1	“	*15*
1446	49.7	− 1 38	6.7	6.17	08b	3	12	08
“	“	“ “	“	6.07	08c	3	“	18
4565	49.8	−24 25	6.6	6.49	08b	3	12	*29*
“	“	“ “	“	6.59	08c	3	“	*39*
..	49.9	− 7 26	..	10.92	09	4	7	..
4567	49.9	−24 4	3.9	4.03	03b	2	13	09
“	“	“ “	“	4.18	03c	2	“	*06*
“	“	“ “	“	4.15	04c	1	“	*03*
“	“	“ “	“	4.38	04d	1	“	*26*
1827	50.0	− 2 41	6.3	6.13	08b	3	12	*13*
“	“	“ “	“	6.21	08c	3	“	*21*
1463	50.1	+ 3 11	9.5	9.85	01	2	9	..
“	“	“ “	“	9.79	01g	1	“	..
1462	50.1	+ 2 19	9.3	9.61	01	1	25	..
1628	50.2	− 7 43	8.6	8.86	05	3	4	..
“	“	“ “	“	8.71	05b	1	“	..
“	“	“ “	“	8.91	06	1	“	..
1363	50.3	+11 17	8.8	9.32	05	4	4	..
“	“	“ “	“	9.15	06	3	“	..
1464	50.3	+ 2 16	9.5	10.32	01	2	9	..
“	“	“ “	“	10.23	01g	1	“	..
1457	50.4	+48 38	7.8	8.45	08	1	1	*60*
“	“	“ “	“	7.83	08b	1	“	02
1367	50.4	+45 14	6.0	4.74	05c	3	13	06
“	“	“ “	“	4.80	05d	3	“	00
1447	50.4	+17 53	7.0	6.71	07	3	1	15
1728	50.4	−10 1	8.8	8.84	05	2	1	07
“	“	“ “	“	9.11	06	2	“	*20*
“	“	“ “	“	8.80	09	3	“	11
1433	50.5	+33 50	6.3	5.83	08b	3	12	18
“	“	“ “	“	5.94	08c	3	“	07
1510	50.5	+ 4 7	9.4	9.56	01	3	9	..
1756	50.6	−10 3	7.8	7.80	09	2	25	*04*
1367	50.7	+11 34	9.5	12.30	05	4	4	..
“	“	“ “	“	12.36	06	3	“	..
1872	50.8	− 5 5	9.2	9.14	05	2	1	*04*
“	“	“ “	“	9.25	06	5	“	*15*
1758	50.8	−10 6	8.3	8.34	09	3	1	*13*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1759	6 50.9	−10 8	9.6	9.44	09	2	25	..
1596	51.0	+ 1 27	9.3	9.83	01	1	25	..
“	“	“ “	“	10.00	01g	1	“	..
1736	51.0	− 4 59	9.2	9.32	06	5	1	*02*
1499	51.2	+34 40	9.4	9.72	05	1	25	..
1610	51.3	−20 1	5.1	4.59	03b	2	13	03
“	“	“ “	“	4.66	03c	2	“	*04*
“	“	“ “	“	4.65	05c	1	“	*03*
“	“	“ “	“	4.47	05d	1	“	15
1600	51.4	+ 1 19	8.0	7.73	08	1	19	..
“	“	“ “	“	7.44	08b	1	“	..
“	“	“ “	“	7.64	10	4	“	..
1451	51.5	+17 26	9.5	9.03	07	8	17	..
1603	51.5	+ 1 5	8.6	8.52	08	1	1	17
“	“	“ “	“	8.74	08b	1	“	*05*
1764	51.5	−10 3	9.0	9.01	09	4	1	20
1147	51.6	+55 33	9.2	9.54	99	1	25	..
1149	51.6	+55 34	9.5	10.63	00	3	2	..
“	“	“ “	“	10.66	09	6	“	..
1419	51.6	+18 15	9.1	9.07	04	3	22	..
“	“	“ “	“	8.98	04b	3	“	..
“	“	“ “	“	8.78	07	4	17	..
..	51.6	+11 22	..	11.79	05	4	4	..
“	“	“ “	“	11.88	06	3	“	..
..	51.7	+11 28	..	10.56	05	4	4	..
“	“	“ “	“	10.80	06	3	“	..
1767	51.7	−10 8	9.0	9.38	09	2	1	*22*
1661	51.7	−16 55	6.0	4.30	03b	2	13	09
“	“	“ “	“	4.26	03c	2	“	13
“	“	“ “	“	4.25	04c	1	“	14
“	“	“ “	“	4.32	04d	1	“	07
..	51.8	+55 28	..	11.58	99	1	2	..
“	“	“ “	“	11.06	00	3	“	..
“	“	“ “	“	11.18	09	6	“	..
1150	51.9	+55 53	8.5	8.39	99	1	2	30
“	“	“ “	“	8.43	00	3	“	26
“	“	“ “	“	8.68	09	6	“	01
1423	51.9	+18 2	7.1	7.20	07	3	1	*07*
1633	51.9	− 8 40	8.6	8.04	05	4	3	..
“	“	“ “	“	8.12	06	2	“	..
1151	52.0	+55 45	9.2	9.24	99	1	2	23
“	“	“ “	“	9.40	00	3	“	07
“	“	“ “	“	9.48	09	6	“	*01*
1460	52.1	+48 45	7.5	7.42	08	1	1	03
“	“	“ “	“	7.48	08b	1	“	*03*
..	52.1	− 8 43	..	10.54	05	4	3	..
“	“	“ “	“	10.48	06	2	“	..
..	52.2	+55 33	..	11.07	99	1	2	..
“	“	“ “	“	11.13	00	2	“	..
“	“	“ “	“	11.23	09	7	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1642	6 52.2	− 8 3	6.4	6.45	08b	3	12	*01*
"	"	" "	"	6.55	08c	3	"	*11*
1728	52.3	+ 0 0	9.0	8.67	01	5	1	*04*
"	"	" "	"	8.72	01g	4	"	*09*
1639	52.4	− 8 24	8.3	8.03	05	4	3	..
"	"	" "	"	8.16	06	2	"	..
1773	52.4	−10 8	8.2	8.32	09	4	1	*06*
1640	52.5	− 8 53	9.6	10.37	05	2	3	..
"	"	" "	"	10.90	06	2	"	..
1643	52.5	− 8 56	9.8	9.91	05	4	3	..
"	"	" "	"	9.85	06	2	"	..
..	52.6	+55 29	..	11.69	99	1	2	..
"	"	" "	"	12.22	00	3	"	..
"	"	" "	"	11.97	09	8	"	..
..	52.6	− 8 59	..	12.02	05	3	3	..
"	"	" "	"	12.24	06	2	"	..
1745	52.6	− 9 57	8.6	8.66	05	2	1	*10*
"	"	" "	"	8.53	06	2	"	03
"	"	" "	"	8.55	09	2	"	01
..	52.7	+55 28	..	13.37	00r	3	2	..
..	52.9	+55 32	..	10.79	99	1	2	..
"	"	" "	"	10.82	00	3	"	..
"	"	" "	"	10.72	09r	6	"	..
1353	52.9	+ 9 59	8.9	8.75	05	3	1	27
"	"	" "	"	8.64	06	2	"	38
1647	52.9	− 8 45	9.3	9.42	05	4	3	..
"	"	" "	"	9.44	06	2	"	..
..	53.0	− 8 37	..	10.14	05	4	3	..
"	"	" "	"	10.36	06	2	"	..
1616	53.0	−22 4	7.1	6.91	08b	3	12	*54*
"	"	" "	"	6.88	08c	3	"	*51*
1155	53.1	+54 59	7.0	7.01	99	1	2	*25*
"	"	" "	"	6.60	00	5	"	16
"	"	" "	"	6.78	09	6	"	*02*
..	53.2	+55 32	..	12.96	99	1	2	..
"	"	" "	"	12.50	00r	1	"	..
"	"	" "	"	12.61	09	8	"	..
1750	53.2	− 4 56	8.8	8.64	06	5	1	06
1411	53.3	+26 3	6.5	6.44	08b	4	12	*15*
"	"	" "	"	6.20	08c	2	"	09
1387	53.3	+11 13	9.3	9.60	05	4	4	..
"	"	" "	"	9.68	06	2	"	..
1650	53.3	− 8 53	7.7	7.31	05	4	3	..
"	"	" "	"	7.21	06	2	"	..
..	53.4	+55 30	..	10.44	99	1	2	..
"	"	" "	"	10.08	00	4	"	..
"	"	" "	"	10.14	09	6	"	..
1761	53.6	−10 3	8.2	8.24	05	3	1	02
"	"	" "	"	8.14	06	2	"	12
1488	53.7	+ 3 45	6.9	6.25	08b	3	12	*23*
	h. m.	° ′						
A	6 53.7	+ 3 45	6.9	6.03	08c	3	12	*01*
1617	53.8	+ 1 14	9.5	10.02	01	1	9	..
"	"	" "	"	10.06	01g	2	"	..
1618	53.8	+ 1 19	9.2	9.66	01	1	25	..
1156	53.9	+55 15	9.1	8.74	99	1	2	22
"	"	" "	"	8.70	00	2	"	26
"	"	" "	"	8.99	09	6	"	*03*
1469	53.9	+48 33	8.2	7.92	08	2	19	..
"	"	" "	"	8.16	08b	2	"	..
1742	53.9	+ 0 3	9.5	9.06	01	2	9	*38*
"	"	" "	"	8.93	01g	1	"	*25*
1764	53.9	−10 2	8.7	8.88	06	2	1	03
1157	54.0	+55 10	9.2	9.63	99	1	2	07
"	"	" "	"	9.81	00	3	"	*11*
"	"	" "	"	9.80	09	6	"	*10*
1765	54.0	− 9 12	8.9	8.55	05	4	3	..
"	"	" "	"	8.59	06	2	"	..
1768	54.1	− 9 54	8.4	8.04	05	4	1	22
"	"	" "	"	8.23	05b	4	"	03
"	"	" "	"	8.22	06	2	"	04
1493	54.2	+ 2 30	9.5	9.62	01	3	9	..
1534	54.3	+ 4 12	9.5	9.74	01	3	9	..
1493	54.3	+ 3 5	9.5	10.02	01	2	9	..
"	"	" "	"	10.00	01g	1	"	..
..	54.3	+ 2 34	..	10.12	01	2	9	..
"	"	" "	"	10.24	01g	1	"	..
1622	54.3	+ 1 4	8.3	7.59	10	4	19	10
1367	54.6	+10 5	9.0	8.80	06	2	1	07
1393	54.7	+30 6	8.2	8.43	05	3	1	08
"	"	" "	"	8.27	06	2	"	24
3666	54.7	−28 50	1.8	2.04	03c	2	13	*41*
"	"	" "	"	1.63	03d	2	"	00
"	"	" "	"	1.66	05c	1	"	*03*
"	"	" "	"	1.49	05d	1	"	14
1460	54.8	+32 32	6.8	6.38	08b	3	12	08
"	"	" "	"	6.55	08c	3	"	*09*
1469	54.9	+17 7	7.8	8.03	04	3	22	..
1101	55.0	+54 19	7.8	7.46	99	1	2	01
"	"	" "	"	7.01	00	2	"	46
"	"	" "	"	7.38	09	6	"	09
1430	55.0	+29 22	7.5	7.70	08	1	19	00
"	"	" "	"	7.75	08b	1	"	*05*
"	"	" "	"	7.32	10	1	"	38
"	"	" "	"	7.95	10b	1	"	*25*
..	55.1	+30 44	..	11.55	05	2	25	..
..	55.4	+30 47	..	12.57	05	1	25	..
1396	55.4	+30 27	9.5	11.29	05	5	4	..
"	"	" "	"	11.33	06	1	"	..
1689	55.4	−21 28	6.7	6.45	08b	3	12	*20*
"	55.4	−21 28	6.7	6.34	08c	3	12	*09*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1370	6 55.5	+10 46	7.2	6.94	04	2	1	04
“	“	“ “	“	7.10	04b	2	“	*12*
“	“	“ “	“	6.90	05	1	“	08
1398	55.6	+30 36	8.8	9.52	05	8	4	..
“	“	“ “	“	9.53	06	1	“	..
1399	55.6	+30 35	9.3	10.32	05	5	4	..
“	“	“ “	“	10.09	06	1	“	..
1434	55.6	+29 48	8.5	8.72	05	2	1	*01*
“	“	“ “	“	8.65	06	2	“	06
1408	55.6	+11 55	7.0	6.98	04	2	1	*22*
“	“	“ “	“	6.65	04b	2	“	11
“	“	“ “	“	7.03	05	1	“	*27*
1401	55.7	+30 22	9.0	9.21	05	5	4	..
“	“	“ “	“	9.27	06	1	“	..
1402	55.8	+30 37	9.3	10.23	05	5	4	..
“	“	“ “	“	10.01	06	1	“	..
1546	55.8	+ 4 49	9.2	8.59	01	3	1	11
“	“	“ “	“	8.55	01g	3	“	15
1548	55.9	+ 4 52	9.4	9.36	01	1	25	..
“	“	“ “	“	9.30	01g	1	“	..
1667	55.9	− 9 4	6.8	6.70	08b	3	12	*34*
“	“	“ “	“	6.63	08c	3	“	*27*
1881	56.0	− 2 54	9.7	10.08	09	4	25	..
1404	56.1	+30 0	8.7	8.66	05	2	1	*10*
“	“	“ “	“	8.72	06	2	“	*16*
1685	56.1	− 3 6	7.7	7.06	09	8	24	..
1695	56.1	−21 59	6.7	6.64	08b	3	12	*31*
“	“	“ “	“	6.65	08c	3	“	*32*
1788	56.3	−10 4	9.4	9.99	05	5	1	*23*
“	“	“ “	“	9.97	05b	3	“	*21*
1672	56.5	− 8 4	8.1	7.80	05	6	16	..
1514	56.6	+ 5 42	7.0	6.62	08b	3	12	*16*
“	“	“ “	“	6.42	08c	3	“	04
1363	56.8	+16 49	6.5	6.55	04	1	22	*54*
“	“	“ “	“	6.42	04c	2	“	*41*
“	“	“ “	“	5.74	08b	3	12	27
“	“	“ “	“	6.10	08c	3	“	*09*
1509	56.8	− 1 12	7.2	6.23	08b	3	12	*05*
“	“	“ “	“	6.37	08c	3	“	*19*
1164	56.9	+55 52	8.0	8.02	99	1	2	*08*
“	“	“ “	“	7.89	00	2	“	05
“	“	“ “	“	7.91	09	6	“	03
..	57.1	− 8 6	..	11.37	05	7	16	..
1678	57.1	− 8 14	9.5	9.74	05	6	16	..
1441	57.2	+29 31	6.3	5.92	08b	1	19	03
“	“	“ “	“	5.60	08c	1	“	35
“	“	“ “	“	5.98	10br	1	“	*03*
1481	57.2	+21 19	8.4	7.76	10	4	19	..
1652	57.2	+ 1 19	9.3	9.76	01	3	9	..
..	57.3	− 8 6	..	10.75	05	7	16	..
	h. m.	° ′						
1442	6 57.4	+29 49	9.0	9.02	05	1	1	*01*
“	“	“ “	“	9.14	06	2	“	*13*
1683	57.4	− 8 5	9.9	10.20	05	14	16	..
..	57.4	− 8 9	..	10.82	05	7	16	..
..	57.4	− 8 10	..	11.56	05	7	16	..
..	57.4	− 8 12	..	12.37	05	7	16	..
1512	57.5	+24 46	8.8	9.18	01	3	1	*02*
1560	57.6	+ 4 30	9.5	10.74	01	2	9	..
“	“	“ “	“	10.94	01g	1	“	..
1695	57.6	− 7 44	8.5	8.42	05	6	16	..
1165	57.7	+52 53	6.7	6.09	08b	3	12	10
“	“	“ “	“	6.00	08c	3	“	19
1391	57.7	+47 54	6.8	6.35	08b	3	12	01
“	“	“ “	“	6.16	08c	3	“	20
1610	57.7	−15 7	9.3	9.33	05	1	1	*17*
“	“	“ “	“	9.48	05b	1	“	*32*
3544	57.7	−27 47	3.6	3.94	03b	1	13	*26*
“	“	“ “	“	3.95	03c	2	“	*27*
“	“	“ “	“	4.24	03d	1	“	*56*
1541	57.8	+14 48	9.2	9.27	05	3	1	*03*
“	“	“ “	“	9.35	05b	3	“	*11*
“	“	“ “	“	9.38	07	3	“	*14*
“	“	“ “	“	9.43	07b	3	“	*19*
1494	57.8	+ 9 11	7.7	7.27	05	1	3	..
1689	57.8	− 8 24	9.5	10.13	05	6	16	..
1693	57.8	− 8 26	9.0	9.23	05	6	16	..
1520	57.9	+ 3 11	9.3	9.77	01	3	9	..
1528	57.9	+ 2 20	9.4	9.64	01	3	9	..
1788	57.9	− 4 6	5.0	4.92	03b	2	13	*03*
“	“	“ “	“	4.88	03c	2	“	01
1561	58.0	+ 4 22	9.5	10.33	01	1	25	..
1775	58.1	+ 0 39	9.3	9.26	01	3	9	..
1406	58.2	+12 44	6.5	6.20	08b	4	12	*03*
“	“	“ “	“	6.15	08c	4	“	02
1706	58.2	− 8 12	8.4	8.14	05	6	16	..
1545	58.3	+14 49	8.5	7.97	05	3	1	14
“	“	“ “	“	8.04	05b	3	“	07
“	“	“ “	“	8.07	07	3	“	04
“	“	“ “	“	8.21	07b	3	“	*10*
1443	58.6	+15 1	9.0	9.28	05	6	11	..
1617	58.6	−15 52	8.0	6.97	05	6	11	..
1444	58.7	+15 23	7.5	7.59	05	3	1	*45*
“	“	“ “	“	7.31	05b	3	“	*17*
“	“	“ “	“	7.63	07	3	“	*49*
“	“	“ “	“	7.23	07b	3	“	*09*
1445	58.7	+15 1	7.7	7.56	05	3	1	28
“	“	“ “	“	7.66	05b	3	“	18
“	“	“ “	“	7.62	07	3	“	22
“	“	“ “	“	7.50	07b	3	“	34
1781	58.7	+ 0 50	9.0	8.73	08	2	8	*04*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1620	6 58.7	−15 7	9.1	9.08	05	3	1	*17*
“	“	“ “	“	8.98	05b	3	“	*07*
“	“	“ “	“	9.04	07	3	“	*13*
“	“	“ “	“	9.30	07b	3	“	*39*
4797	58.8	−23 41	3.4	3.02	03c	2	13	10
“	“	“ “	“	3.23	03d	2	“	*11*
“	“	“ “	“	3.05	05c	1	“	07
“	“	“ “	“	2.93	05d	1	“	19
1451	58.9	+29 52	8.5	8.36	05	1	1	00
“	“	“ “	“	8.38	06	2	“	*02*
1448	58.9	+15 2	9.5	10.11	05	6	11	..
1722	59.0	− 8 7	9.4	9.59	05	6	16	..
1665	59.1	+ 1 38	6.8	6.66	08b	3	12	*20*
“	“	“ “	“	6.57	08c	3	“	*11*
1625	59.2	−15 29	4.3	3.95	03b	1	13	12
“	“	“ “	“	3.76	03c	2	“	31
“	“	“ “	“	4.02	03d	1	“	05
“	“	“ “	“	3.90	05c	1	“	17
“	“	“ “	“	4.32	05d	1	“	*25*
1626	59.2	−15 9	8.9	8.24	03	1	25	12
“	“	“ “	“	8.58	05	3	1	*22*
“	“	“ “	“	8.71	05b	3	“	*35*
“	“	“ “	“	8.49	07	3	“	*13*
“	“	“ “	“	8.64	07b	3	“	*28*
1627	59.2	−15 10	10	10.11	05	7	11	..
1454	59.3	+29 40	8.3	8.27	08	1	19	..
“	“	“ “	“	8.47	08b	1	“	..
“	“	“ “	“	7.96	10	1	“	..
“	“	“ “	“	8.32	10b	1	“	..
1761	59.3	−12 57	7.3	7.07	04	3	1	15
“	“	“ “	“	7.39	04b	3	“	*17*
1695	59.4	+19 58	8.6	8.76	01	3	1	*26*
..	59.4	+15 0	..	12.50	05	6	11	..
1556	59.4	+14 54	9.4	9.60	05	12	11	..
“	“	“ “	“	9.47	07	3	“	..
“	“	“ “	“	9.69	07b	3	“	..
..	59.5	+15 2	..	11.70	05	6	11	..
..	59.5	−14 57	..	11.54	05	6	11	..
..	59.6	+15 4	..	11.16	05	6	11	..
..	59.6	+15 1	..	12.39	05	6	11	..
..	59.6	+14 59	..	11.55	05	6	11	..
1629	59.6	−15 11	8.5	8.08	03	1	25	27
“	“	“ “	“	8.34	05	3	1	01
“	“	“ “	“	8.21	05b	3	“	14
“	“	“ “	“	8.28	07	3	“	07
“	“	“ “	“	8.10	07b	3	“	25
1591	59.7	+23 26	8.5	8.28	07	3	5	..
1456	59.7	+15 32	9.2	9.25	05	6	11	..
1848	59.7	−10 18	7.3	7.05	04	3	1	*04*
“	“	“ “	“	6.88	04b	3	“	13
1457	6 59.8	+15 29	9.3	9.78	05	6	11	..
1726	59.8	− 8 18	7.0	7.22	04	3	1	19
“	“	“ “	“	7.43	04b	3	“	*02*
..	59.8	−14 55	..	12.13	05	6	11	..
1729	59.9	− 8 42	8.0	8.24	05	6	16	..
1827	59.9	−10 1	8.7	8.89	05	4	1	*13*
“	“	“ “	“	8.76	05b	4	“	00
1640	7 0.0	+ 8 56	8.8	8.22	04	4	3	..
“	“	“ “	“	8.46	05	2	“	..
..	0.0	−14 59	..	11.26	05	6	11	..
1600	0.1	+19 54	9.1	9.06	01	3	1	*01*
“	“	“ “	“	8.98	01g	1	“	12
1458	0.1	+15 10	9.1	9.56	05	6	11	..
1679	0.1	+ 1 27	9.4	9.26	01	2	25	..
1730	0.1	− 8 8	8.9	8.79	05	6	16	..
1703	0.1	−14 51	9.4	9.89	05	12	11	..
“	“	“ “	“	9.66	07	3	“	..
“	“	“ “	“	10.04	07b	3	“	..
1478	0.2	+47 56	8.2	8.56	08	2	19	..
“	“	“ “	“	8.44	08b	2	“	..
1459	0.2	+15 4	8.7	8.69	05	4	1	05
“	“	“ “	“	8.72	05b	2	“	02
“	“	“ “	“	8.62	07	3	“	12
“	“	“ “	“	8.71	07b	3	“	03
1510	0.2	+ 9 18	6.6	6.00	04b	4	3	02
“	“	“ “	“	5.67	05	2	“	35
..	0.3	−14 57	..	12.57	05	6	11	..
1634	0.4	−15 11	9.8	10.23	05	6	11	..
1636	0.4	−15 15	8.8	8.44	05	6	11	..
1492	0.5	+17 54	7.1	7.86	04	3	22	*74*
1832	0.5	− 9 57	8.8	8.24	05	4	1	32
“	“	“ “	“	8.39	05b	4	“	17
1684	0.6	+ 1 27	9.5	9.60	01	2	9	..
“	“	“ “	“	9.68	01g	2	“	..
..	0.7	+22 43	..	11.93	01	6	5	..
1833	0.7	− 9 58	9.3	9.65	05	5	1	*09*
“	“	“ “	“	9.63	05b	3	“	*07*
..	0.7	−14 55	..	11.00	05	6	11	..
1676	0.7	−19 49	9.0	8.98	00	1	25	..
1710	0.9	−14 44	8.2	7.70	05	6	11	..
..	1.0	+22 45	..	11.46	01	6	5	..
1314	1.1	+28 21	6.8	6.43	08b	3	12	*20*
“	“	“ “	“	6.25	08c	3	“	*02*
1798	1.1	+ 0 27	9.0	8.27	01	1	25	..
1777	1.1	−12 40	7.3	7.44	04	3	1	*24*
“	“	“ “	“	7.25	04b	3	“	*05*
..	1.2	+22 46	..	12.14	01	6	5	..
1464	1.2	+15 2	9.5	10.67	05	6	11	..
1517	1.2	+ 9 13	9.2	8.94	04	4	3	..
“	“	“ “	“	9.18	05	6	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	7 1.2	+ 9 2	..	10.54	04	5	3	..
"	"	" "	"	10.93	05	2	"	..
1548	1.2	+ 3 9	9.5	9.80	01	3	9	..
1532	1.4	+24 49	9.1	9.28	01	3	1	28
1604	1.4	+22 58	9.0	9.13	01	12	5	*17*
"	"	" "	"	8.98	07	4	"	*02*
1605	1.4	+23 7	9.0	9.50	07	4	5	*01*
..	1.4	+22 38	..	12.27	01	6	5	..
..	1.4	+ 9 4	..	12.45	04	2	3	..
..	1.5	+22 41	..	12.84	01	7	5	..
..	1.5	+ 9 1	..	10.99	04	6	3	..
"	"	" "	"	11.38	05	2	"	..
1416	1.6	+10 2	8.4	8.15	02	6	4	*25*
..	1.6	+ 9 10	..	10.90	04	3	3	..
"	"	" "	"	11.41	05	2	"	..
..	1.6	+ 8 59	..	11.72	04	4	3	..
"	"	" "	"	11.94	05	2	"	..
1589	1.6	+ 4 16	9.5	10.19	01	3	9	..
1804	1.6	+ 0 32	9.4	9.27	01	2	9	..
"	"	" "	"	9.13	01g	1	"	..
..	1.7	+ 9 1	..	11.26	04	4	3	..
"	"	" "	"	11.78	05	2	"	..
1660	1.8	+37 36	6.5	6.10	08b	3	12	22
"	"	" "	"	6.39	08c	3	"	*07*
1519	1.9	+ 9 22	9.0	8.87	04	4	3	..
"	"	" "	"	8.93	05	3	"	..
1715	1.9	−14 34	9.3	9.56	05	6	11	..
1716	1.9	−15 3	9.0	8.81	05	3	1	10
"	"	" "	"	8.85	05b	3	"	06
"	"	" "	"	8.88	07	3	"	03
"	"	" "	"	8.76	07b	3	"	15
1568	2.0	+14 30	8.2	8.51	05	6	11	..
1520	2.0	+ 9 12	9.4	9.15	04	4	3	..
"	"	" "	"	9.44	05	2	"	..
1788	2.0	−12 14	6.9	6.48	08b	3	12	*08*
"	"	" "	"	6.43	08c	3	"	*03*
1557	2.1	+ 2 31	9.5	9.97	01	3	9	..
"	"	" "	"	10.07	01g	1	"	..
1742	2.1	− 7 24	8.3	7.44	09	8	24	..
1743	2.1	− 7 15	9.5	10.06	09	4	25	..
1521	2.3	+ 9 9	9.5	9.90	04	4	3	..
"	"	" "	"	10.27	05	3	"	..
1495	2.4	+18 9	9.2	9.11	04	3	22	..
"	"	" "	"	9.46	04b	3	"	..
"	"	" "	"	9.08	07	8	17	..
1423	2.4	+10 30	9.4	9.80	02	6	4	..
1522	2.4	+ 9 1	9.3	9.31	04	4	3	..
"	"	" "	"	9.62	05	2	"	..
1790	2.4	−12 5	8.3	7.78	04	6	3	..
1496	2.5	+18 26	9.4	9.40	04	3	22	..
	h. m.	° ′						
A	7 2.5	+18 26	9.4	9.84	04b	3	22	..
"	"	" "	"	9.40	07	8	17	..
..	2.5	+ 8 51	..	11.31	04	4	3	..
"	"	" "	"	11.71	05	2	"	..
1651	2.5	−15 4	9.1	9.09	05	3	1	32
"	"	" "	"	9.08	05b	3	"	33
"	"	" "	"	9.24	07	3	"	17
"	"	" "	"	9.15	07b	3	"	26
1424	2.7	+10 51	9.5	9.74	02	12	4	..
1596	2.8	+ 4 49	9.2	9.35	01	3	1	*15*
"	"	" "	"	9.30	01g	3	"	*10*
1505	2.9	+17 50	7.3	7.54	07	4	1	02
1425	2.9	+10 50	8.8	9.00	02	6	4	..
1810	2.9	+ 0 1	8.8	8.80	01	3	1	08
"	"	" "	"	8.73	01g	3	"	15
1467	3.0	+11 5	7.5	7.36	04	2	1	*31*
"	"	" "	"	7.16	04b	2	"	*11*
"	"	" "	"	7.24	05	2	"	*19*
1427	3.0	+10 28	9.0	9.29	02	6	4	*31*
..	3.0	−11 48	..	11.39	04	6	3	..
1801	3.2	−11 46	9.1	8.39	04	6	3	..
4908	3.2	−23 41	6.3	5.98	08b	3	12	*23*
"	"	" "	"	6.01	08c	3	"	*26*
1174	3.3	+55 47	7.2	7.18	99	1	2	06
"	"	" "	"	7.34	00	2	"	*10*
"	"	" "	"	7.21	09	6	"	03
..	3.4	−11 45	..	11.28	04	8	3	..
1804	3.4	−11 52	9.4	8.75	04	6	3	..
1429	3.5	+10 12	8.3	8.49	02	7	4	*27*
..	3.5	−11 42	..	9.92	04	6	3	..
1433	3.7	+10 18	9.3	9.43	02	6	4	..
1810	3.7	−11 44	10.0	9.45	04	6	3	..
1811	3.7	−11 48	9.4	9.00	04	6	3	..
1812	3.7	−11 42	8.5	7.54	04	6	3	..
1814	3.8	−11 51	9.8	9.49	04	6	3	..
1809	3.9	−12 43	7.5	7.29	04	3	1	*29*
"	"	" "	"	6.95	04b	3	"	05
1824	4.0	+ 0 52	9.5	9.88	08	2	8	..
..	4.0	−11 44	..	9.70	04	6	3	..
1435	4.1	+10 33	9.5	10.02	02	12	4	..
..	4.1	−11 42	..	11.21	04	6	3	..
1712	4.3	+ 1 41	9.4	10.15	01	3	9	..
1813	4.3	−12 10	8.9	7.98	04	6	3	..
3916	4.3	−26 14	2.1	2.11	03c	3	13	*13*
"	"	" "	"	1.98	03d	3	"	00
1539	4.4	+ 9 28	7.4	6.52	04	2	3	38
"	"	" "	"	6.70	04b	2	"	20
"	"	" "	"	6.65	05	3	"	25
1618	4.5	+ 7 53	7.0	6.65	04	2	1	13
"	"	" "	"	6.84	04b	2	1	*06*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	7 4.5	+ 7 53	7.0	6.60	05	2	1	18
4949	4.6	−23 53	7.0	7.02	08b	3	12	*55*
“	“	“ “	“	6.97	08c	3	“	*50*
1725	4.7	+19 58	7.8	7.99	01	3	1	*14*
1439	4.8	+30 25	4.7	4.58	05c	4	13	*10*
“	“	“ “	“	4.57	05d	2	“	*09*
1829	4.8	+ 0 54	9.0	9.60	08	2	8	*02*
..	4.8	+ 0 48	..	10.33	08	2	8	..
1613	5.1	+ 4 36	9.5	9.79	01	3	9	..
1578	5.1	+ 3 17	9.5	9.72	01	3	9	..
1549	5.2	+24 50	8.3	8.05	01	3	1	16
1583	5.2	+ 2 37	9.5	10.34	01	3	9	..
1550	5.4	+ 9 33	8.0	7.98	02	6	4	*49*
“	“	“ “	“	7.49	05	1	3	00
..	5.4	+ 0 56	..	11.26	08	2	8	..
..	5.6	+ 0 51	..	10.51	08	2	8	..
1835	5.6	+ 0 43	9.3	9.59	01	3	9	..
1837	5.7	+ 0 49	9.4	10.00	08	2	8	..
1711	5.8	−18 31	6.8	6.40	08b	3	12	*22*
“	“	“ “	“	6.51	08c	3	“	*33*
1729	6.0	+20 3	8.0	8.26	01	3	1	*41*
1554	6.2	+24 49	8.8	9.24	01	3	1	12
1448	6.3	+10 41	8.2	8.26	02	6	4	..
1337	6.6	+27 26	6.8	6.26	08b	2	12	18
“	“	“ “	“	6.38	08c	2	“	06
1830	6.6	−11 52	7.5	7.10	04	6	3	14
1038	6.8	+59 56	7.3	7.04	08	2	18	27
“	“	“ “	“	7.27	08b	3	“	04
1636	6.8	− 0 20	4.2	4.01	03c	1	“	08
“	“	“ “	“	4.10	03d	1	“	*01*
“	“	“ “	“	4.57	04b	1	“	*48*
“	“	“ “	“	4.32	04c	1	“	*23*
..	6.9	+ 0 51	..	10.94	08	2	8	..
1846	7.0	+ 0 48	9.5	10.47	08	2	8	..
1595	7.1	+ 2 33	9.5	10.28	01	1	25	..
1852	7.7	+ 0 53	8.7	8.48	08	2	8	*19*
..	8.0	+ 0 56	..	10.68	08	2	8	..
..	8.1	+ 0 56	..	11.09	08	2	8	..
1849	8.4	−11 4	6.3	5.83	08b	3	12	18
“	“	“ “	“	5.98	08c	3	“	03
..	8.5	+ 0 56	..	10.85	08	2	8	..
414	8.6	+69 43	9.5	9.98	09	4	7	..
1745	8.8	+20 3	8.8	9.04	01	3	1	01
1659	8.8	+19 53	8.3	8.23	01	1	5	*13*
415	8.9	+69 52	9.5	10.24	09	4	7	..
1608	8.9	+ 2 30	9.5	10.67	01	3	9	..
“	“	“ “	“	10.93	01g	1	“	..
1538	9.0	+18 44	8.1	8.18	04	3	22	..
“	“	“ “	“	7.60	04b	3	“	..
“	“	“ “	“	7.76	07	2	17	..
	h. m.	° ′						
A	7 9.0	+18 44	8.1	7.68	07b	2	17	..
1469	9.0	+12 18	6.5	5.72	08b	3	12	12
“	“	“ “	“	5.64	08c	3	“	20
416	9.1	+69 23	9.2	9.70	09	4	7	..
1804	9.2	− 3 43	6.5	5.76	08b	3	12	36
“	“	“ “	“	6.10	08c	3	“	02
1860	9.3	+ 0 55	9.0	9.44	05	3	1	*20*
“	“	“ “	“	9.20	06	2	“	04
“	“	“ “	“	8.79	08	2	8	45
1498	9.4	+48 50	9.5	10.67	09	4	25	..
1862	9.4	+ 0 8	9.5	10.76	01	3	9	..
1761	9.6	−22 44	6.8	6.68	08b	3	12	*44*
“	“	“ “	“	6.71	08c	3	“	*47*
1350	9.7	+28 5	6.5	5.75	08b	3	12	12
“	“	“ “	“	5.97	08c	3	“	*10*
1746	10.0	+ 1 12	8.8	8.79	01	1	25	..
1616	10.1	+ 3 55	9.5	11.25	01	2	9	..
1797	10.1	−20 4	9.7	10.80	00	1	25	..
1869	10.2	+ 0 48	8.3	8.32	05	4	1	07
“	“	“ “	“	8.10	06	2	“	29
“	“	“ “	“	7.95	08	1	8	44
4057	10.2	−26 10	5.4	4.73	03b	2	13	*07*
“	“	“ “	“	4.75	03c	2	“	*09*
“	“	“ “	“	4.90	05c	1	“	*24*
“	“	“ “	“	5.20	05d	1	“	*54*
1748	10.3	+ 1 31	9.5	9.77	01	3	9	..
1749	10.3	+ 0 58	8.5	8.06	05	4	1	08
“	“	“ “	“	8.49	06	2	“	*35*
1625	10.4	+25 4	8.9	8.93	01	3	1	23
1940	10.4	− 9 52	9.3	11.03	00	1	25	..
1641	10.6	+ 4 20	9.5	10.60	01	2	9	..
“	“	“ “	“	10.50	01g	1	“	..
1504	10.7	+48 42	9.0	9.47	09	8	24	..
4073	10.7	−26 35	4.2	4.11	03b	1	13	*28*
“	“	“ “	“	3.66	03c	2	“	17
“	“	“ “	“	4.02	03d	1	“	*19*
“	“	“ “	“	4.16	05c	1	“	*33*
“	“	“ “	“	3.81	05d	1	“	02
1612	10.9	+49 38	5.3	5.07	05b	1	13	*27*
“	“	“ “	“	5.05	05c	3	“	*25*
“	“	“ “	“	4.90	05d	2	“	*10*
1671	11.1	+19 46	9.0	9.37	07	3	1	*02*
“	“	“ “	“	9.40	07b	3	“	*05*
1533	11.2	+17 31	9.0	9.16	07	2	17	..
“	“	“ “	“	8.86	07b	2	“	..
1576	11.3	+22 40	8.4	8.34	01	6	25	..
“	“	“ “	“	8.27	01g	6	“	..
1564	11.4	+20 56	8.1	8.08	10	4	19	..
1553	11.4	+18 33	8.7	8.74	04	3	22	..
“	“	“ “	“	8.78	04b	3	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	7 11.4	+18 33	8.7	9.05	07	2	17	..	..	7 14.0	−13 6	..	11.08	06	1	24	..
"	"	" "	"	8.74	07b	2	"	..	1645	14.2	+22 10	3.5	3.54	04c	2	13	*03*
5173	11.5	−23 33	6.8	6.64	08b	3	12	*38*	"	"	" "	"	3.60	04d	2	"	*09*
"	"	" "	"	6.56	08c	3	"	*30*	1640	14.2	+ 2 54	6.5	6.11	08b	3	12	*05*
418	11.6	+69 23	9.4	10.32	09	4	7	..	"	"	" "	"	6.11	08c	3	"	*05*
1757	11.6	+ 1 10	8.4	8.59	05	5	4	..	1641	14.4	+ 2 41	9.3	9.83	01	4	9	..
1759	11.8	+ 1 51	9.0	8.90	05	6	4	..	1576	14.5	+18 42	8.9	8.82	04	3	22	..
1594	11.9	+ 6 51	6.9	6.55	08b	3	12	*11*	"	"	" "	"	8.73	04b	3	"	..
"	"	" "	"	6.46	08c	3	"	*02*	"	"	" "	"	9.08	07	2	17	..
1760	12.0	+ 1 2	9.2	10.39	05	6	4	..	"	"	" "	"	8.90	07b	2	"	..
1761	12.1	+ 1 14	9.4	10.29	05	9	4	..	1547	14.5	+17 23	9.2	8.83	05	3	22	..
"	"	" "	"	10.17	06	4	"	..	"	"	" "	"	8.92	05b	3	"	..
..	12.2	+ 1 20	..	11.25	05	6	4	..	5173	14.5	−24 23	5.6	4.92	03b	1	13	*02*
"	"	" "	"	11.20	06	2	"	..	"	"	" "	"	4.97	03c	1	"	*07*
1678	12.3	+19 46	9.0	9.16	07	2	1	04	"	"	" "	"	5.14	05c	2	"	*24*
"	"	" "	"	9.12	07b	2	"	08	"	"	" "	"	5.11	05d	2	"	*21*
1443	12.3	+16 43	4.1	3.66	04c	1	13	*01*	5176	14.5	−24 47	4.6	4.67	03b	1	13	*27*
"	"	" "	"	3.78	04d	1	"	*13*	"	"	" "	"	4.13	03c	1	"	27
"	"	" "	"	3.60	05c	1	"	05	"	"	" "	"	4.54	05c	2	"	*14*
"	"	" "	"	3.52	05d	1	"	13	"	"	" "	"	4.67	05d	2	"	*27*
..	12.4	+ 1 15	..	11.90	05	2	4	..	1641	14.6	+25 10	9.0	9.74	09	8	24	..
"	"	" "	"	12.00	06	4	"	..	1985	14.6	−10 20	8.7	8.78	06	1	24	..
..	12.4	+ 1 14	..	11.50	05	3	4	..	"	"	" "	"	8.55	6b	1	"	..
"	"	" "	"	11.22	06	3	"	..	*419*	14.8	+68 57	8.7	9.22	09	4	7	..
5189	12.4	−23 8	5.3	4.78	03b	2	13	04	1642	14.9	+25 25	9.5	10.85	09	4	25	..
"	"	" "	"	5.16	03c	2	"	*34*	1544	15.0	+15 5	9.0	8.45	02	3	1	14
"	"	" "	"	5.41	05c	1	"	*59*	"	"	" "	"	8.39	08	3	18	20
..	12.5	+ 1 17	..	10.83	05	6	4	..	"	"	" "	"	8.64	08b	3	"	*05*
2032	12.6	− 6 30	6.3	6.35	08b	3	12	01	"	"	" "	"	8.58	09	2	1	01
"	"	" "	"	6.62	08c	3	"	*26*	1766	15.0	−15 42	8.0	8.00	01	6	25	..
..	12.7	+ 1 27	..	10.23	06	4	4	..	"	"	" "	"	7.97	01g	6	"	..
..	12.8	+ 1 15	..	12.35	05	5	4	..	420	15.1	+69 38	8.5	8.99	09	4	7	..
"	"	" "	"	12.34	06	1	"	..	..	15.1	+31 9	..	13.14	08	4	7	..
1767	13.0	+ 1 26	9.1	9.00	05	6	4	..	"	"	" "	"	12.97	09	6	"	..
1569	13.1	+18 45	8.8	8.39	04	3	22	..	1547	15.2	+31 6	9.2	10.34	08	4	7	..
"	"	" "	"	8.23	04b	3	"	..	"	"	" "	"	10.33	09	6	"	..
1891	13.1	+ 0 0	8.8	7.90	01	3	1	*02*	*1834*	15.2	−15 5	8.5	8.63	08	3	18	*52*
"	"	" "	"	8.10	01g	4	"	*22*	"	"	" "	"	8.48	08b	3	"	*37*
1769	13.3	+ 1 31	9.5	10.02	05	6	4	..	1552	15.3	+17 9	9.4	9.82	05	2	25	..
1541	13.4	+17 4	9.4	9.17	05	3	22	..	1927	15.4	+39 11	7.3	6.54	08b	3	12	*06*
"	"	" "	"	9.22	05b	1	"	..	"	"	" "	"	6.40	08c	3	"	08
"	"	" "	"	9.59	07	2	17	..	1515	15.5	+29 50	9.0	9.32	08	4	1	*01*
"	"	" "	"	9.81	07b	2	"	..	"	"	" "	"	9.37	09	6	"	*06*
1655	13.4	+ 4 19	9.3	10.32	01	3	9	..	422	15.6	+69 41	7.5	8.14	09	5	1	*22*
1893	13.5	+ 0 22	9.3	9.63	01	3	9	..	1639	15.6	+13 14	9.1	9.17	02	6	4	..
1770	13.6	+ 1 27	9.4	9.75	01	3	9	..	..	15.7	+31 2	..	11.46	08r	4	7	..
1640	13.9	+ 3 19	9.3	10.00	01	3	9	..	"	"	" "	"	11.50	09	6	"	..
..	13.9	−13 3	..	11.71	06	8	24	..	..	15.8	+31 1	..	10.70	08	4	7	..
1699	14.0	+42 50	6.5	6.30	08b	3	12	27	"	"	" "	"	10.58	09	6	"	..
"	"	" "	"	6.31	08c	3	"	26	1488	15.8	+30 1	8.3	8.29	08	4	1	*18*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	7 15.8	+30 1	8.3	8.31	09	6	1	*20*	1630	7 18.0	+ 9 51	9.0	9.24	02	3	1	13
1641	15.8	+13 20	7.8	7.73	02	3	4	..	1466	18.1	+16 52	8.1	7.67	04	4	22	..
“	“	“ “	“	7.43	02g	3	“	..	*1872*	18.1	− 4 5	10	10.15	09	4	25	..
1668	15.9	+ 4 45	8.8	8.84	01	3	1	06	*1873*	18.1	− 4 2	9.2	8.99	09	8	24	..
“	“	“ “	“	8.73	01g	3	“	17	1869	18.1	−14 55	9.7	10.30	03	1	25	..
..	16.1	+31 9	..	11.03	08	4	7	..	1655	18.2	+13 10	8.4	8.32	02	6	4	*02*
“	“	“ “	“	10.84	09r	5	“	..	1788	18.5	+ 1 15	9.3	10.05	01	3	9	..
..	16.1	+31 3	..	12.06	08	4	7	..	1564	18.8	+15 43	7.0	6.21	08b	3	12	16
“	“	“ “	“	11.82	09	6	“	..	“	“	“ “	“	6.18	08c	3	“	19
1774	16.2	−15 57	9.1	9.04	01	8	25	*08*	1623	19.2	+49 25	4.5	4.50	05c	3	13	*05*
“	“	“ “	“	9.12	01g	8	“	*16*	“	“	“ “	“	4.46	05d	3	“	*01*
1490	16.3	+30 1	7.6	7.76	08	4	1	20	1657	19.2	+14 51	9.3	9.49	02	3	1	*05*
“	“	“ “	“	7.66	09	6	“	30	“	“	“ “	“	9.54	09	2	“	*10*
252	16.4	+81 6	7.0	6.60	08b	3	12	*10*	1266	19.5	+46 25	8.2	8.50	09	4	3	..
“	“	“ “	“	6.46	08c	3	“	04	1385	19.5	+28 0	4.0	3.91	04c	4	13	*02*
1644	16.4	+14 49	8.8	8.49	02	3	1	15	“	“	“ “	“	3.89	04d	3	“	00
“	“	“ “	“	8.78	09	2	1	*14*	1658	19.5	+14 55	9.3	9.38	02	3	1	11
1548	16.5	+15 1	9.5	10.22	04	1	25	..	“	“	“ “	“	9.39	09	2	“	10
1862	16.5	− 8 41	6.5	6.62	08b	3	12	*12*	..	19.5	+ 9 9	..	10.40	06	4	25	..
“	“	“ “	“	6.64	08c	3	“	*14*	..	19.5	+ 9 7	..	11.04	06	8	24	..
1823	16.7	−22 40	6.8	6.94	08b	3	12	*49*	*1656*	19.6	+ 5 57	9.5	11.04	07	3	17	..
“	“	“ “	“	6.84	08c	3	“	*39*	“	“	“ “	“	11.11	07b	1	“	..
1648	16.8	+13 21	9.5	9.91	02	6	4	..	1267	19.7	+46 23	9.5	10.27	09	4	3	..
1650	16.9	+13 19	9.5	9.36	02	6	4	..	1662	19.8	+14 48	9.3	9.20	02	3	1	04
..	16.9	+13 16	..	12.12	02	6	4	..	“	“	“ “	“	9.28	09	2	“	*04*
..	16.9	+13 14	..	11.51	02	7	4	..	*1500*	19.9	+29 58	9.0	9.45	09	6	1	01
1205	17.1	+52 5	6.1	5.74	08b	3	12	17	1568	19.9	+15 55	8.9	8.27	09	4	7	..
“	“	“ “	“	5.99	08c	3	“	*08*	..	20.0	+45 50	..	10.80	09	4	3	..
1656	17.1	+ 2 26	9.5	9.02	01	3	9	..	1433	20.1	+45 53	8.3	7.95	09	4	3	..
..	17.2	+13 23	..	11.21	02	6	4	..	1610	20.1	+18 21	7.0	7.64	04	3	22	*70*
1561	17.3	+17 36	7.7	7.89	04	3	22	..	1855	20.1	−22 43	6.7	6.44	08b	3	12	*34*
1516	17.3	+10 2	8.5	8.07	02	3	1	*25*	“	“	“ “	“	6.41	08c	3	“	*31*
1917	17.3	+ 0 19	9.4	10.02	01	3	9	..	2101	20.3	− 2 57	9.0	8.43	09	8	24	..
2079	17.3	− 2 48	6.5	6.40	08b	3	12	*10*	..	20.5	+46 16	..	11.13	09	4	3	..
“	“	“ “	“	6.45	08c	3	“	*15*	1571	20.5	+15 3	8.5	8.38	02	3	1	*24*
..	17.4	+13 16	..	13.41	02	1	4	..	1825	20.5	−18 49	7.0	6.55	08b	3	12	*28*
..	17.4	+13 14	..	13.17	02	4	4	..	“	“	“ “	“	6.38	08c	3	“	*11*
1653	17.4	+12 56	9.5	10.36	02	6	4	..	..	20.6	+46 20	..	10.60	09	4	3	..
..	17.6	+13 20	..	12.63	02	12	4	..	1269	20.6	+46 8	8.8	8.87	09	4	3	..
..	17.6	+13 18	..	12.67	02	13	4	..	1671	20.6	+ 2 17	9.3	9.71	01	3	9	..
..	17.6	+13 14	..	12.27	02	6	4	..	*2104*	20.6	− 3 2	9.5	10.18	09	4	25	..
1264	17.7	+46 17	8.9	8.89	09	4	3	..	1804	20.8	+ 1 35	9.4	9.62	01	3	9	..
1650	17.7	+14 7	8.7	8.41	02	1	25	..	1272	21.0	+46 29	7.5	7.54	09	4	3	24
1681	17.7	+ 4 26	9.5	10.47	01	3	9	..	..	21.0	+46 7	..	10.52	09	4	3	..
1925	17.8	− 5 5	9.2	8.93	09	4	25	..	1505	21.0	+30 4	8.9	9.19	08	3	1	*08*
1806	17.8	−18 50	6.0	4.81	03b	3	13	06	“	“	“ “	“	9.42	08b	3	“	*31*
“	“	“ “	“	4.88	03c	3	“	*01*	“	“	“ “	“	9.21	09	6	1	*10*
1654	17.9	+13 16	9.4	9.66	02	6	4	..	1596	21.0	+21 45	6.8	6.49	08b	3	12	*04*
..	17.9	+13 12	..	12.46	02	6	4	..	“	“	“ “	“	6.62	08c	3	“	*17*
1666	17.9	+ 3 29	9.2	9.04	01	3	9	..	1532	21.0	+10 49	7.0	6.36	08b	3	12	*14*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	7 21.0	+10 49	7.0	6.15	08c	3	12	07
1648	21.0	+ 9 55	8.9	9.23	02	6	1	*11*
1933	21.0	−11 30	9.5	9.72	09	1	3	..
..	21.1	+46 7	..	12.15	09	4	3	..
1943	21.1	− 4 20	7.4	6.85	08b	3	12	*38*
"	"	" "	"	6.76	08c	3	"	*29*
1925	21.1	−21 47	7.0	6.34	08b	3	12	*41*
"	"	" "	"	6.19	08c	3	"	*26*
1588	21.2	+11 12	6.8	6.30	08b	3	12	01
"	"	" "	"	6.17	08c	3	"	14
..	21.3	+46 4	..	12.42	09	4	3	..
1665	21.3	+ 6 7	9.5	10.41	07	3	17	..
"	"	" "	"	10.82	07b	2	"	..
1685	21.4	+ 3 6	9.5	11.06	01	2	9	..
..	21.5	−11 33	..	10.62	09	4	3	..
1701	21.6	+ 4 25	9.4	9.55	01	3	9	..
1774	21.7	+ 8 29	3.0	3.04	04c	3	13	05
"	"	" "	"	3.00	04d	2	"	09
1702	21.8	+ 4 9	9.3	10.62	01	1	25	..
1944	21.9	+ 0 26	8.5	8.16	01	1	25	..
..	21.9	−11 25	..	11.04	09	4	3	..
1483	22.0	+15 58	9.5	9.58	09	4	7	..
1938	22.0	−11 23	9.2	9.27	09	4	3	..
1671	22.1	+14 53	7.8	7.52	02	3	1	07
1949	22.2	+ 0 29	9.4	10.08	01	3	9	..
1436	22.3	+45 52	9.1	8.74	09	4	3	..
1940	22.3	−11 10	8.3	7.98	06	1	25	..
"	"	" "	"	8.15	06b	1	"	..
..	22.3	−11 34	..	11.83	09	4	3	..
1576	22.4	+15 52	9.4	9.58	09	4	7	..
1705	22.4	+ 4 49	9.0	9.20	01	5	1	05
"	"	" "	"	9.24	01g	5	"	01
..	22.4	−11 25	..	11.27	09	4	3	..
1941	22.4	−11 31	8.9	8.49	06	4	24	..
"	"	" "	"	8.85	06b	4	"	..
..	22.4	−11 32	..	11.48	09	4	3	..
1577	22.5	+15 44	8.5	8.32	09	1	25	..
5477	22.5	−23 31	7.0	6.95	08b	3	12	*45*
"	"	" "	"	7.10	08c	3	"	*60*
1943	22.6	−11 35	9.8	9.83	09	4	3	..
1944	22.6	−11 37	9.8	10.01	09	4	3	..
1562	22.7	+31 59	5.0	4.14	05c	3	13	04
"	"	" "	"	4.26	05d	3	"	*08*
1660	22.8	+ 9 8	5.0	4.62	04b	3	13	*02*
"	"	" "	"	4.68	04c	3	"	*08*
2058	22.8	−10 1	8.7	8.69	09	4	1	*08*
..	22.8	−11 26	..	10.27	09	4	3	..
1578	22.9	+15 34	9.3	9.01	09	4	7	..
1892	22.9	−19 47	8.2	7.90	05	2	25	..
1815	23.0	+ 1 32	9.0	9.16	05	4	22	..
	h. m.	° ′						
A	7 23.0	+ 1 32	9.0	9.16	05b	1	22	..
1948	23.0	−11 36	9.5	9.44	09	4	3	..
1949	23.1	−11 27	9.8	9.68	09	4	3	..
1609	23.3	+21 6	9.1	9.38	06	4	24	*66*
"	"	" "	"	9.47	06b	4	"	*75*
1584	23.3	+17 16	9.5	9.46	07	2	17	..
"	"	" "	"	9.76	07b	2	"	..
1667	23.4	+ 9 51	8.8	8.86	02	3	1	*19*
1817	23.4	+ 1 44	9.5	10.47	05	6	22	..
2064	23.4	− 9 5	8.7	8.49	02	6	5	..
1899	23.5	−19 59	8.8	8.40	05	2	25	08
1878	23.5	−22 39	7.0	6.49	08b	3	12	*80*
"	"	" "	"	6.14	08c	3	"	*45*
2068	23.7	− 9 56	9.3	9.22	09	4	1	*16*
283	24.2	+76 3	9.5	10.09	09	4	7	..
1567	24.2	+12 13	5.0	4.46	04b	2	13	39
"	"	" "	"	4.57	04c	2	"	28
"	"	" "	"	4.78	05c	1	"	07
"	"	" "	"	4.90	05d	1	"	*05*
1518	24.3	+30 3	9.1	9.59	08	3	18	..
"	"	" "	"	9.77	08b	3	"	..
1908	24.6	−19 57	8.6	8.37	05	6	1	06
1937	24.8	− 9 3	8.0	8.03	02	6	5	..
1549	24.9	+10 6	9.0	8.50	02	3	1	*18*
1962	24.9	+ 0 20	9.5	9.68	01	2	9	..
"	"	" "	"	9.90	01g	1	"	..
1443	25.0	+44 59	9.1	9.23	09	4	1	19
1964	25.0	+ 0 20	9.5	9.98	01	3	9	..
"	"	" "	"	9.95	01g	1	"	..
1958	25.2	+39 6	7.0	6.52	08b	3	12	*06*
"	"	" "	"	6.30	08c	3	"	16
1826	25.2	+ 1 25	9.5	9.68	01	2	9	..
"	"	" "	"	10.10	01g	1	"	..
1969	25.2	−20 6	9.1	9.15	05	5	1	*02*
1444	25.3	+44 56	8.6	8.75	09	4	1	*08*
1495	25.4	+16 50	8.7	8.23	07	2	17	..
"	"	" "	"	8.62	07b	2	"	..
1680	25.4	+ 9 49	8.8	8.81	02	3	1	11
2081	25.4	− 9 52	9.4	10.03	02	6	5	..
1553	25.5	+10 2	9.0	8.86	02	3	1	*14*
2082	25.6	− 9 29	8.8	9.21	02	6	5	..
1897	25.6	−22 49	6.0	4.63	03b	3	13	17
"	"	" "	"	4.95	03c	3	"	*15*
1686	25.8	+24 44	8.2	7.88	07	1	17	..
"	"	" "	"	8.72	07b	1	"	..
"	"	" "	"	8.31	09	8	24	..
1727	25.9	+ 4 21	9.0	9.06	01	2	9	..
"	"	" "	"	8.89	01g	1	"	..
2084	26.0	− 9 5	7.8	7.81	02	6	5	..
1975	26.1	− 0 2	8.9	8.78	01	4	1	*25*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	7 26.1	− 0 2	8.9	8.67	01g	4	1	*14*
1688	26.2	+24 31	9.5	11.00	09	4	25	. .
1705	26.2	+ 3 27	9.1	9.79	01	3	9	. .
2081	26.2	−10 6	9.2	9.54	09	4	1	*03*
1557	26.3	+10 3	8.5	7.65	02	3	1	17
2087	26.4	−10 3	9.0	9.30	02	6	5	36
"	"	" "	"	9.26	09	4	1	40
2088	26.4	− 9 44	9.8	9.97	02	12	5	. .
1689	26.5	+24 20	9.1	9.52	07	2	17	. .
"	"	" "	"	9.89	07b	2	"	. .
. .	26.6	+76 19	. .	10.88	09	4	7	. .
285	26.8	+76 32	9.5	9.70	07	2	17	. .
"	"	" "	"	10.18	07b	2	"	. .
2090	26.8	−10 4	8.9	9.24	09	4	1	07
1687	26.9	+ 9 52	9.0	9.11	02	3	1	01
. .	26.9	+ 8 32	. .	10.06	06	2	25	. .
1448	27.1	+44 59	8.9	9.30	09	4	1	02
1598	27.2	+17 17	9.0	8.86	07	2	17	. .
"	"	" "	"	8.98	07b	2	"	. .
2092	27.4	− 9 13	9.7	10.43	02	8	5	. .
"	"	" "	"	10.61	02g	2	"	. .
1696	27.5	+ 2 9	9.1	9.50	01	3	9	. .
. .	27.7	− 9 12	. .	10.46	02	9	5	. .
2095	27.7	− 9 47	9.3	10.08	02	6	5	. .
2001	27.7	−20 32	9.8	10.51	05	6	4	. .
1452	27.8	+45 2	9.1	9.52	09	4	1	*05*
2003	27.8	−20 20	8.3	7.84	05	6	4	. .
1592	27.9	+12 4	9.4	10.69	02	6	4	. .
1606	27.9	+11 54	9.4	9.92	02	6	4	. .
. .	27.9	−20 26	. .	11.35	05	6	4	. .
1593	28.0	+12 0	9.5	11.38	02	6	4	. .
1608	28.0	+11 40	9.0	8.56	02	6	4	. .
. .	28.1	+11 54	. .	12.35	02	13	4	. .
1581	28.2	+32 6	1.7	1.47	05c	2	13	11
	28.2	+32 6						
"	"	" "	"	1.59	05d	2	"	*01*
1610	28.2	+11 51	9.5	10.53	02	6	4	. .
. .	28.3	+12 2	. .	12.14	02	7	4	. .
1714	28.3	+ 6 52	8.0	8.46	07	2	17	. .
"	"	" "	"	8.22	07b	2	"	. .
2006	28.3	−20 33	9.9	10.10	05	2	4	. .
2007	28.3	−20 26	10	11.12	05	6	4	. .
2009	28.4	−20 34	8.6	8.24	05	6	4	. .
1708	28.5	+25 2	9.0	9.26	02	2	1	15
"	"	" "	"	9.44	07	4	"	*03*
1811	28.5	+ 8 27	9.0	8.98	01	6	25	*05*
"	"	" "	"	8.86	01g	6	"	07
1964	28.6	−14 58	9.1	8.94	04	1	1	07
"	"	" "	"	8.84	04b	1	"	17
"	"	" "	"	8.99	05	5	"	02
A	7 28.6	−14 58	9.1	8.94	05b	5	1	07
432	28.8	+69 33	7.9	8.28	09	5	1	*09*
. .	28.8	+11 54	. .	12.45	02	12	4	. .
2016	28.8	−20 25	9.4	10.30	05	6	4	. .
1711	28.9	+43 15	6.5	6.28	08b	3	12	02
"	"	" "	"	6.18	08c	3	"	12
2017	28.9	−20 7	9.1	8.52	05	6	4	. .
. .	29.0	+76 18	. .	10.10	09	4	7	. .
1597	29.0	+12 9	8.4	8.98	02	6	4	*05*
2106	29.0	− 9 28	8.5	8.57	02	6	5	. .
433	29.1	+69 42	8.8	9.15	09	5	1	*06*
1598	29.1	+12 1	9.5	10.25	02	6	4	. .
1599	29.1	+11 59	8.4	8.79	02	6	4	. .
1850	29.1	+ 1 14	9.5	10.15	01	3	9	. .
"	"	" "	"	10.35	01g	1	"	. .
1970	29.2	−14 57	8.7	8.52	04	1	1	19
"	"	" "	"	8.97	04b	1	"	*26*
"	"	" "	"	8.55	05	5	"	16
"	"	" "	"	8.55	05b	5	"	16
1973	29.3	−15 5	8.7	8.56	04	1	1	05
"	"	" "	"	8.41	04b	1	"	20
"	"	" "	"	8.64	05	5	"	*03*
"	"	" "	"	8.58	05	5	"	03
434	29.4	+69 50	9.0	8.85	09	5	1	14
1601	29.4	+12 8	8.8	9.36	02	6	4	. .
1722	29.4	+ 3 25	9.5	10.34	01	3	9	. .
1996	29.4	+ 0 25	9.3	9.90	01	3	9	. .
1646	29.6	+44 52	9.1	9.40	09	4	1	*08*
1723	29.6	+ 2 56	7.1	6.56	08b	3	12	*08*
"	"	" "	"	6.51	08c	3	"	*03*
1623	29.7	+11 49	9.5	10.42	02r	6	4	. .
1424	29.8	+27 7	4.2	4.17	04b	4	13	05
"	"	" "	"	4.15	04c	4	"	07
1713	29.8	+25 7	8.2	10.16	02	1	25	. .
1605	29.8	+12 5	8.3	8.31	02	6	4	. .
2007	29.8	−22 5	5.4	4.37	03b	3	13	15
"	"	" "	"	4.19	03c	3	"	33
"	"	" "	"	4.96	04b	1	"	*44*
"	"	" "	"	4.98	04c	1	"	*46*
1608	30.0	+12 10	9.2	8.82	02	6	4	. .
1570	30.1	+ 9 59	9.5	9.71	00	1	25	. .
1706	30.1	+ 2 31	9.2	9.37	05	5	22	. .
"	"	" "	"	9.42	05b	1	"	. .
2000	30.1	+ 0 44	8.7	8.25	08	1	8	*51*
2033	30.1	−20 47	8.8	9.23	05r	7	4	. .
290	30.3	+76 13	8.6	9.21	09	4	7	. .
1710	30.3	+ 2 32	9.4	9.80	01	3	9	. .
"	"	" "	"	9.86	05	5	22	. .
"	"	" "	"	9.85	05b	1	"	. .
2104	30.3	−13 57	8.2	7.96	04	2	16	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	7 30.3	−30 57	8.2	7.48	05	4	16	..	1763	7 32.6	+ 4 46	8.8	8.97	01	3	1	08
2036	30.3	−20 14	8.8	8.64	05	6	1	*04*	"	"	" "	"	8.92	01g	3	"	13
1753	30.4	+ 4 24	9.0	8.90	01	3	9	..	2039	32.6	−14 6	8.6	8.06	04	2	16	..
291	30.5	+76 5	8.8	8.68	09	4	7	24	"	"	" "	"	7.62	05	4	"	..
1903	30.5	+40 14	6.8	6.39	08b	3	12	18	..	32.9	+ 0 51	..	10.96	08	2	8	..
"	"	" "	"	6.37	08c	3	"	20	2022	33.0	+ 0 49	9.2	9.28	08	2	8	*09*
1712	30.8	+ 1 56	9.5	10.70	09	4	25	..	2024	33.1	+ 0 31	9.5	9.85	01	3	9	..
2109	30.8	−13 50	8.0	7.74	04	2	16	..	2053	33.1	−14 13	7.5	6.44	08b	3	12	*02*
"	"	" "	"	7.30	05	4	"	..	"	"	" "	"	6.56	08c	3	"	*14*
..	31.0	+76 14	..	10.70	09	4	7	..	5791	33.1	−23 33	6.9	6.63	08b	3	12	*33*
1729	31.2	+ 6 5	6.7	5.91	08b	3	12	03	"	"	" "	"	6.65	08c	3	"	*35*
"	"	" "	"	5.85	08c	3	"	09	2055	33.2	−14 22	9.8	10.68	04	2	16	..
1715	31.2	+ 2 17	9.3	9.13	09	8	24	..	"	"	" "	"	10.54	05	4	"	..
2065	31.4	− 8 5	6.3	6.29	08b	3	12	14	*2137*	33.3	−14 6	9.8	10.80	04	2	16	..
"	"	" "	"	6.43	08c	3	"	00	"	"	" "	"	10.64	05	5	"	..
4566	31.4	−28 9	5.3	4.84	03b	1	13	*29*	1599	33.5	+32 14	7.0	6.04	08b	4	12	10
"	"	" "	"	4.95	03c	1	"	*40*	"	"	" "	"	6.06	08c	4	"	08
292	31.5	+76 19	8.0	8.02	09	4	7	..	1866	33.5	+20 22	7.5	7.41	02	3	1	04
1718	31.6	+ 2 32	8.7	7.91	07	2	17	..	1868	33.6	+20 0	9.0	8.89	02	3	1	41
"	"	" "	"	7.94	07b	2	"	..	1747	33.7	+ 3 6	9.5	10.04	01	3	9	..
2001	31.6	−14 29	8.5	8.14	04	2	16	..	1870	33.7	+ 1 28	9.5	10.32	01	3	9	..
"	"	" "	"	7.75	05	4	"	..	*1871*	33.8	+ 0 54	9.0	8.93	08	2	8	06
1717	31.7	+ 9 53	8.8	8.86	02	6	1	16	*2029*	33.8	− 0 2	7.7	6.87	01	2	1	41
2116	31.7	−13 59	9.6	10.05	04	2	16	..	"	"	" "	"	6.84	01g	4	"	44
"	"	" "	"	10.15	05	4	"	..	1739	34.1	+ 5 29	1.0	0.55	04d	3	13	*07*
..	31.8	−14 15	..	11.63	04	2	16	..	4828	34.1	−25 8	5.4	4.73	03b	1	13	*09*
"	"	" "	"	11.51	05	4	"	..	"	"	" "	"	4.63	03c	1	"	01
2030	31.8	−21 56	6.7	6.71	08b	3	12	*24*	1773	34.2	+ 4 16	9.0	9.78	01	3	9	..
"	"	" "	"	6.77	08c	3	"	*30*	1729	34.2	+ 2 25	9.3	9.55	01	3	9	..
..	31.9	−14 10	..	12.10	04	2	16	..	*1103*	34.5	+58 57	5.0	4.99	05c	3	13	*03*
"	"	" "	"	12.03	05	4	"	..	"	"	" "	"	4.95	05d	3	"	01
..	31.9	−14 13	..	9.40	04	2	16	..	1946	34.7	−18 27	7.3	6.89	08b	3	12	*45*
"	"	" "	"	9.12	05	4	"	..	"	"	" "	"	6.89	08c	3	"	*45*
2120	32.0	−13 50	9.0	8.66	04	2	16	..	1742	34.8	+ 5 28	7.5	5.87	08b	3	12	*06*
"	"	" "	"	8.39	05	4	"	..	"	"	" "	"	5.79	08c	3	"	02
2121	32.0	−13 55	9.3	9.54	04	2	16	..	*2073*	34.9	−15 3	9.0	9.26	04	1	1	*15*
"	"	" "	"	9.58	05	4	"	..	"	"	" "	"	9.38	04b	1	"	*27*
..	32.0	−14 6	..	11.78	04	2	16	..	"	"	" "	"	9.38	05	5	"	*27*
"	"	" "	"	11.66	05	4	"	..	"	"	" "	"	9.48	05b	5	"	*37*
2019	32.0	−14 12	9.1	8.86	04	4	16	..	2087	34.9	−20 8	9.0	8.87	04	3	1	16
"	"	" "	"	8.74	05	8	"	..	"	"	" "	"	9.15	04b	3	"	*12*
293	32.1	+76 2	8.5	8.63	09	3	1	*36*	..	35.2	+ 8 34	..	10.72	02	6	4	..
..	32.1	−14 10	..	10.24	04	2	16	..	..	35.2	+ 8 32	..	12.70	02	12	4	..
"	"	" "	"	10.10	05	4	"	..	1592	35.3	+10 0	9.0	8.87	02	6	1	10
2028	32.2	−14 11	9.7	10.02	05	1	"	..	1846	35.3	+ 8 38	9.0	8.89	02	6	4	26
1725	32.3	+24 54	9.1	9.22	02	3	1	*06*	..	35.3	+ 8 30	..	11.25	02	6	4	..
"	"	" "	"	9.25	07	4	"	*09*	..	35.5	+ 8 34	..	11.67	02	6	4	..
1723	32.3	+ 9 51	8.8	8.65	02	7	1	07	2080	35.5	−14 44	9.4	10.04	05	6	16	..
471	32.5	+69 55	7.8	8.02	09	5	1	27	1786	35.6	+23 51	9.0	9.21	02	6	4	..
..	32.5	+ 0 51	..	10.67	08	2	8	..	..	35.6	+ 8 39	..	12.17	02	12	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1787	7 35.7	+23 19	8.5	7.96	07	4	4	00
2118	35.7	− 7 57	6.3	5.94	08b	3	12	05
“	“	“ “	“	6.14	08c	3	“	*15*
1789	35.8	+23 45	8.3	7.85	02	6	4	. .
1594	35.8	+10 0	8.8	9.03	02	3	1	04
1848	35.9	+ 8 40	8.3	8.55	02	5	4	11
“	“	“ “	“	8.27	02g	1	“	17
2083	35.9	−14 18	9.7	10.35	05	6	16	. .
1790	36.0	+23 16	8.8	9.03	07	4	4	10
1791	36.0	+23 32	9.5	10.81	02r	5	4	. .
1877	36.0	+ 1 22	8.8	8.66	01	1	25	. .
2084	36.0	−14 25	8.5	8.45	05	6	16	. .
2086	36.2	−15 3	9.0	.9.34	04	1	1	*18*
“	“	“ “	“	8.99	04b	1	“	17
“	“	“ “	“	9.04	05	5	“	12
“	“	“ “	“	9.05	05b	5	“	11
2089	36.2	−14 17	9.1	9.70	05	6	16	. .
1737	36.3	+13 44	6.5	5.65	08b	3	12	45
“	“	“ “	“	5.89	08c	3	“	21
1599	36.3	+ 9 57	8.5	8.32	02	3	1	*15*
. .	36.3	+ 8 35	. .	11.83	02	7	4	. .
1758	36.3	+ 3 52	7.0	6.06	08b	3	12	*19*
“	“	“ “	“	5.99	08c	3	“	*12*
1879	36.3	+ 1 23	9.4	9.68	01	2	9	. .
“	“	“ “	“	9.80	01g	2	“	. .
. .	36.3	+ 0 46	. .	11.22	08	2	8	. .
2093	36.3	−14 39	10	10.74	05	6	16	. .
2045	36.4	+ 0 49	9.5	10.05	08	2	8	. .
. .	36.5	+23 44	. .	12.64	02	13	4	. .
2172	36.5	− 9 19	4.0	4.11	03b	2	13	*04*
“	“	“ “	“	3.94	03c	3	“	13
“	“	“ “	“	4.06	03d	1	“	01
“	“	“ “	“	4.12	04b	1	“	*05*
“	“	“ “	“	4.23	04c	1	“	*16*
2098	36.5	−14 34	9.9	10.60	05	6	16	. .
. .	36.7	+23 43	. .	11.50	02	6	4	. .
. .	36.7	+ 4 51	. .	12.51	03	10	14	. .
. .	36.7	+ 0 52	. .	11.37	08	2	8	. .
. .	36.7	−14 33	. .	11.70	05	6	16	. .
. .	36.7	−14 35	. .	10.29	05	6	16	. .
2112	36.7	−20 8	8.7	8.46	04	3	1	27
“	“	“ “	“	8.40	04b	3	“	33
1849	36.8	+ 8 16	9.4	9.92	02	6	4	. .
2112	36.8	−14 35	8.5	8.57	05	12	16	. .
1761	36.9	+ 3 28	9.3	9.71	01	3	9	. .
. .	36.9	−14 33	. .	10.51	05	6	16	. .
. .	36.9	−14 36	. .	11.27	05	6	16	. .
. .	36.9	−14 38	. .	10.55	05	6	16	. .
2116	36.9	−20 8	9.0	8.91	04	3	1	*45*
“	“	“ “	“	9.02	04b	3	“	*56*
1590	7 37.0	+29 7	5.0	4.32	04b	3	13	*06*
“	“	“ “	“	4.32	04c	3	“	*06*
1795	37.0	+23 30	8.3	8.45	02	6	4	04
314	37.1	+75 17	9.0	8.80	09	3	1	07
. .	37.1	+23 52	. .	13.12	02	6	4	. .
. .	37.1	+23 41	. .	12.54	02	6	4	. .
2077	37.1	−22 6	6.8	6.33	08b	3	12	10
“	“	“ “	“	6.59	08c	3	“	*16*
1797	37.2	+23 47	8.5	9.03	02	6	4	*14*
1798	37.3	+23 39	9.5	10.10	02	7	4	. .
2134	37.3	−14 45	9.0	9.12	05r	6	16	*13*
733	37.4	+63 4	7.0	6.40	08b	4	12	*05*
“	“	“ “	“	6.36	08c	4	“	*01*
1756	37.4	+22 39	6.8	6.23	08b	3	12	11
“	“	“ “	“	6.48	08c	3	“	*14*
2138	37.4	−15 10	8.6	8.72	05	6	16	. .
. .	37.5	+23 37	. .	13.06	02	12	4	. .
1753	37.5	+ 2 18	9.4	10.27	01	3	9	. .
1793	37.5	− 0 18	9.5	9.24	00	1	25	. .
2171	37.5	−10 39	8.6	7.83	06	5	24	. .
“	“	“ “	“	8.53	06b	3	“	. .
2105	37.5	−17 58	neb.	10.16	06	4	24	. .
“	“	“ “	“	10.10	10	4	“	. .
1799	37.6	+22 56	9.0	9.58	07	4	4	. .
1795	37.6	+ 4 29	9.4	10.28	01	3	9	. .
2049a	37.6	+ 0 48	9.6	11.33	08	2	8	. .
1593	37.7	+29 39	8.8	11.28	99	1	25	. .
. .	37.7	+23 41	. .	11.96	02	6	4	. .
“	“	“ “	“	11.88	07	4	“	. .
2053	37.9	+ 0 51	9.5	10.27	01	3	9	. .
2158	38.1	−14 6	8.6	8.21	05	6	16	. .
1667	38.2	+44 49	8.8	9.00	08	3	18	*03*
“	“	“ “	“	9.27	08b	3	“	*30*
. .	38.2	+23 40	. .	11.88	07	4	4	. .
1759	38.4	+24 38	3.7	3.41	04c	3	13	27
“	“	“ “	“	3.60	04d	3	“	08
1753	38.4	+ 9 51	8.2	7.96	02	3	1	*14*
1801	38.5	+23 35	7.0	7.53	02	6	4	23
2133	38.5	−20 14	8.5	8.59	04	3	1	*04*
“	“	“ “	“	8.61	04b	3	“	*06*
1750	38.7	+13 7	7.0	6.46	08b	3	12	04
“	“	“ “	“	6.72	08c	3	“	*22*
1761	38.9	+ 2 39	7.2	6.64	08	1	12	*30*
“	“	“ “	“	6.71	08b	3	“	*37*
“	“	“ “	“	6.63	08c	3	“	*29*
. .	39.0	−23 46	. .	12.20	04r	6	16	. .
6017	39.1	−23 39	10	11.07	04	5	16	. .
316	39.2	+75 29	8.8	9.14	09	3	1	*07*
1463	39.2	+28 16	1.3	0.90	04d	3	13	31
“	“	“ “	“	1.20	04e	2	“	01

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1893	7 39.2	+20 33	6.5	6.44	08b	3	12	*16*
“	“	“ “	“	6.46	08c	3	“	*18*
. .	39.2	−23 42	. .	11.67	04	7	16	. .
6023	39.2	−23 47	9.8	9.85	04	11	16	. .
6029	39.3	−23 39	9.9	10.27	04	6	16	. .
1751	39.4	+24 58	8.8	8.98	02	6	1	13
“	“	“ “	“	9.01	07	4	“	10
. .	39.5	−23 48	. .	11.19	04	6	16	. .
. .	39.6	−23 48	. .	11.08	04	6	16	. .
. .	39.6	−23 50	. .	10.33	04	6	16	. .
6045	39.7	−23 22	9.6	9.67	04	6	16	. .
6051	39.8	−23 54	9.1	8.94	04	6	16	. .
1619	40.2	+10 6	9.0	8.52	02	3	1	*20*
2190	40.3	−14 50	8.0	7.87	05	6	16	. .
2153	40.3	−20 13	8.9	9.12	04	3	1	08
“	“	“ “	“	9.27	04b	3	“	*07*
1759	40.4	+ 9 30	9.0	9.43	02	1	25	. .
6092	40.5	−24 0	8.6	8.00	04	6	16	. .
. .	40.6	+29 51	. .	13.14	03r	8	14	. .
6097	40.6	−23 33	9.3	10.43	04	6	16	. .
6104	40.7	−23 26	9.5	9.74	04	6	16	. .
1762	41.4	+25 2	9.0	9.46	02	6	1	05
“	“	“ “	“	9.51	07	4	“	00
1791	41.4	+ 3 29	9.5	10.90	01	3	9	. .
1778	41.6	+ 2 41	9.5	9.90	01	3	9	. .
2072	41.6	+ 0 35	9.3	9.69	01	3	9	. .
1904	41.8	+ 1 37	9.5	9.88	01	3	9	. .
1820	42.0	+ 4 21	9.5	9.99	01	3	9	. .
. .	42.0	+ 0 50	. .	10.68	08	2	8	. .
1765	42.1	+ 9 52	7.8	7.22	02	3	1	00
“	“	“ “	“	6.99	02g	1	“	23
2135	42.1	−12 26	6.8	6.36	08b	3	12	03
“	“	“ “	“	6.36	08c	3	“	03
1773	42.2	+24 17	9.2	9.79	02	6	4	. .
6171	42.2	−23 22	8.4	7.71	04	6	16	. .
5942	42.2	−24 5	8.9	8.72	04	6	16	. .
. .	42.3	+ 0 50	. .	10.88	08	2	8	. .
1663	42.4	+14 55	9.5	9.61	04	1	25	. .
6178	42.4	−23 54	8.6	8.27	04	6	16	. .
1668	42.5	+31 10	8.5	8.66	08	2	19	. .
“	“	“ “	“	8.52	08b	2	“	. .
. .	42.5	+23 56	. .	12.01	02	6	4	. .
2087	42.5	+ 0 45	9.4	10.14	08	2	8	. .
. .	42.6	+23 59	. .	12.45	02	6	4	. .
1775	42.7	+24 21	8.6	8.84	02	6	4	*01*
. .	42.7	+23 57	. .	12.92	02	12	4	. .
1628	42.7	+ 9 58	8.9	8.62	02	3	1	15
2027	42.9	−22 17	6.3	6.26	08b	3	12	*42*
“	“	“ “	“	6.13	08c	3	“	*29*
2013	43.0	+39 44	9.5	10.49	00	1	25	. .
. .	7 43.0	+ 0 47	. .	11.62	08	2	8	. .
1794	43.1	+ 5 28	9.0	9.32	08	4	3	. .
1795	43.2	+ 5 46	9.3	11.86	08	4	3	. .
. .	43.2	+ 5 43	. .	10.50	08	2	3	. .
1777	43.3	+24 46	7.4	7.26	02	5	1	*20*
“	“	“ “	“	7.16	02g	1	“	*10*
“	“	“ “	“	7.04	07	4	“	02
. .	43.3	+23 58	. .	12.98	02	12	4	. .
1769	43.3	+ 9 44	8.8	8.56	02	3	1	*09*
. .	43.3	+ 0 48	. .	11.54	08	2	8	. .
. .	43.4	+23 56	. .	13.14	02	5	4	. .
. .	43.4	+23 54	. .	11.22	02	6	4	. .
1913	43.4	+20 2	8.5	7.87	02	4	1	*07*
“	“	“ “	“	7.99	02g	1	“	*19*
“	“	“ “	“	7.50	05	2	“	30
1772	43.4	+13 38	6.5	6.12	08b	3	12	13
“	“	“ “	“	6.16	08c	3	“	09
. .	43.4	+ 5 36	. .	12.25	08	4	3	. .
. .	43.5	+ 5 39	. .	12.59	08	4	3	. .
. .	43.5	+ 5 31	. .	10.98	08	4	3	. .
2098	43.6	− 0 1	8.3	8.90	01	4	1	*22*
“	“	“ “	“	8.71	01g	4	“	*03*
. .	43.7	+ 5 46	. .	10.71	08	4	3	. .
. .	43.8	+ 5 41	. .	11.47	08	4	3	. .
1798	43.8	+ 5 34	9.3	9.76	08	4	3	. .
1802	44.2	+ 5 34	8.5	8.75	08	4	3	. .
1783	44.3	+24 47	8.7	8.65	02	6	1	11
. .	44.3	+ 5 33	. .	11.08	08	4	3	. .
1784	44.4	+24 0	9.5	10.48	02	6	4	. .
1601	44.6	+33 30	6.5	5.93	08b	4	12	09
“	“	“ “	“	5.86	08c	4	“	16
1785	44.6	+24 24	7.4	7.36	02	4	1	*35*
“	“	“ “	“	7.12	02g	3	“	*11*
2102	44.6	+ 0 34	9.3	9.67	01	3	9	. .
“	“	“ “	“	10.04	01g	1	“	. .
1786	44.7	+24 3	8.2	8.45	02	6	4	*02*
1920	44.8	+19 58	9.1	9.06	02	3	1	*16*
“	“	“ “	“	8.98	05	2	“	*08*
2104	44.9	+ 0 48	9.3	10.25	01	1	25	. .
2164	44.9	−13 6	6.8	6.37	08b	3	12	*25*
“	“	“ “	“	6.29	08c	3	“	*17*
6022	44.9	−24 40	5.8	5.68	08b	3	12	*36*
“	“	“ “	“	5.78	08c	3	“	*46*
1799	45.0	+ 2 21	9.5	9.88	01	3	9	. .
6030	45.1	−24 37	3.5	3.38	03c	1	13	09
“	“	“ “	“	3.38	03d	1	“	09
“	“	“ “	“	3.68	04c	2	“	*21*
“	“	“ “	“	3.54	04d	2	“	*07*
1788	45.3	+24 2	9.3	9.70	02	6	4	. .
1832	45.3	+ 4 18	9.5	10.78	01	3	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	7 45.3	+ 4 18	9.5	11.16	01g	2	9	..	A	7 49.2	+22 21	..	11.58	05	6	4	..
1813	45.3	+ 3 37	9.4	9.95	01	3	9	..	..	49.2	+22 13	..	13.29	01	2	4	..
2085	45.4	−19 57	6.9	6.83	08b	3	12	*35*	..	49.3	+22 20	..	12.16	01r	1	4	..
"	"	" "	"	6.86	08c	3	"	*38*	"	"	" "	"	12.82	05	2	"	..
1833	45.6	+ 4 42	7.1	6.77	01	1	25	*15*	..	49.3	+22 12	..	11.39	01	2	4	..
"	"	" "	"	6.73	01g	1	"	*11*	"	"	" "	"	11.88	05	4	"	..
1818	45.6	+ 3 32	6.7	6.24	08b	3	12	06	*1808*	49.3	+21 56	8.2	8.49	01	10	R	*03*
"	"	" "	"	6.26	08c	3	"	04	"	"	" "	"	8.41	01g	6	25	05
2089	45.7	−19 17	6.4	6.27	08b	3	12	13	"	"	" "	"	8.58	05	3	4	*12*
"	"	" "	"	6.49	08c	3	"	*09*	"	"	" "	"	8.85	07	2	17	*39*
1834	45.8	+ 4 46	8.8	8.98	01	3	1	*18*	"	"	" "	"	8.81	07b	2	"	*35*
"	"	" "	"	8.81	01g	3	"	*01*	1852	49.3	+ 4 32	9.5	10.32	01	3	9	..
"	"	" "	"	8.80	08	4	"	00	2124	49.4	+ 0 31	9.5	10.07	01	3	9	..
1926	45.8	+ 1 21	9.3	9.92	01r	2	9	..	*1843*	49.5	+22 54	9.1	9.36	01	2	4	..
1502	45.9	+45 5	9.5	10.59	05	1	25	..	..	49.5	+22 16	..	11.98	01	2	4	..
1590	46.5	+29 58	8.7	8.66	08	1	1	50	"	"	" "	"	12.05	05	4	"	..
"	"	" "	"	9.22	08b	1	"	*06*	1837	49.7	+ 3 33	9.5	9.66	01	3	9	..
6060	46.8	−24 17	7.0	6.85	08b	3	12	*43*	1854	49.7	− 0 14	8.7	8.59	08	3	18	*06*
"	"	" "	"	6.80	08c	3	"	*38*	"	"	" "	"	8.90	08b	3	"	*37*
1824	46.9	+ 3 32	7.5	6.60	08b	3	12	*01*	1612	50.0	+30 7	7.0	6.65	08	1	19	21
"	"	" "	"	6.48	08c	3	"	11	"	"	" "	"	6.71	08b	1	"	15
319	47.0	+75 48	9.0	9.18	09	3	1	01	"	"	" "	"	6.86	10	2	"	00
2179	47.0	−12 34	7.0	6.62	08b	3	12	*16*	*1794*	50.0	+24 56	7.5	7.59	02	3	1	07
"	"	" "	"	6.61	08c	3	"	*15*	1947	50.0	+20 0	9.1	9.21	05	2	1	*11*
1684	47.1	+30 56	8.2	8.19	08	1	19	..	*1805*	50.1	+23 59	6.8	7.27	02	3	1	23
"	"	" "	"	8.25	08b	1	"	..	1947	50.1	+ 1 21	9.3	9.76	01	3	9	..
"	"	" "	"	8.45	10	2	"	..	1811	50.5	+22 6	9.3	9.36	05	3	"	..
1803	47.1	+22 36	6.8	7.00	01	2	4	12	1856	50.5	+ 4 45	9.0	8.96	08	4	1	*01*
"	"	" "	"	7.09	01g	2	"	03	1813	50.6	+22 8	8.7	9.09	01	2	4	*34*
1818	47.1	+ 4 54	8.8	8.88	08	4	1	48	"	"	" "	"	8.92	05	4	"	*17*
1499	47.4	+27 1	5.0	4.97	04b	4	13	02	6176	50.9	−24 58	10	10.82	04	1	25	..
"	"	" "	"	4.67	04c	4	"	32	*1838*	51.0	+ 4 54	9.0	8.94	08	4	1	*06*
..	47.4	+22 30	..	10.19	01	3	4	..	2133	51.2	+ 0 48	8.5	8.20	08	2	8	24
1786	47.8	+25 3	9.0	9.75	02	3	1	*24*	1724	51.3	+21 14	7.5	7.10	01	1	4	*06*
2141	48.3	−11 22	8.2	6.71	06	4	24	..	"	"	" "	"	7.22	01g	1	"	*18*
"	"	" "	"	7.11	06b	4	"	..	*1817*	51.4	+21 58	9.2	9.00	01	2	4	..
1253	48.4	+56 46	7.0	6.53	08b	4	12	*04*	"	"	" "	"	9.24	05	4	"	..
"	"	" "	"	6.60	08c	4	"	*11*	1811	51.5	+24 46	8.7	8.86	02	3	1	05
..	48.4	+22 52	..	9.74	01	3	4	..	1959	52.1	+ 1 25	6.5	6.56	08b	3	12	*12*
"	"	" "	"	10.11	05	6	"	..	"	"	" "	"	6.44	08c	3	"	00
..	48.4	+22 18	..	13.20	01	1	4	..	1862	52.6	+ 4 47	9.0	8.51	01	3	1	09
1714	48.4	+21 22	7.2	6.62	08	2	19	39	"	"	" "	"	8.53	01g	3	"	07
"	"	" "	"	6.85	08b	2	"	16	2087	52.6	−22 37	4.3	4.37	04b	3	13	*02*
1806	48.5	+22 49	8.9	9.10	01	3	4	*02*	"	"	" "	"	4.59	04c	3	"	*24*
"	"	" "	"	9.47	05	3	"	*39*	6215	52.6	−24 52	9.6	9.94	04	1	25	..
..	48.7	+22 6	..	10.89	05	6	4	..	1626	53.0	+30 43	8.3	8.54	08	2	19	..
1817	48.8	+ 2 21	9.5	9.69	01	3	9	..	"	"	" "	"	8.55	08b	2	"	..
1828	49.0	+ 4 57	9.1	9.14	08	4	1	07	1824	53.2	+22 11	9.5	9.83	01	2	4	..
..	49.1	+22 18	..	13.61	01	2	4	..	"	"	" "	"	10.22	01g	1	"	..
..	49.2	+22 21	..	11.44	01	2	4	..	1892	53.3	+19 45	9.2	9.14	05	3	1	16

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1859	7 53.3	+ 3 30	9.5	10.29	01	3	9	..	2282	7 56.9	−12 31	9.3	9.74	02	6	4	..
1964	53.5	+ 1 29	9.5	10.25	01	3	9	..	2164	57.0	+ 0 19	9.3	9.71	01	3	9	..
2144	53.5	+ 0 19	9.3	9.65	01	3	9	..	1854	57.1	+ 2 36	5.0	4.90	01i	3	1	*38*
1826	53.6	+22 3	9.5	9.94	01	2	4	..	"	"	" "	"	4.40	04b	3	13	12
"	"	" "	"	10.28	01g	1	"	..	"	"	" "	"	4.57	04c	3	"	*05*
"	"	" "	"	10.56	05	3	"	..	2286	57.2	−12 16	9.1	9.25	02	6	4	..
1731	53.6	+21 9	8.5	7.45	08	1	19	..	2288	57.4	−12 31	8.3	8.01	01	12	4	05
"	"	" "	"	7.55	08b	1	"	..	2343	57.4	−20 53	7.8	7.66	05	5	1	23
"	"	" "	"	7.94	10	2	"	..	2289	57.5	−12 44	10	10.97	09	8	24	..
1868	53.6	+ 4 43	9.5	10.03	01	3	9	..	2290	57.6	−12 37	9.9	10.40	09	4	25	..
..	53.7	+22 4	..	10.96	01	2	4	..	1879	57.7	+ 3 27	9.5	10.07	01	3	9	..
"	"	" "	"	11.45	01g	1	"	..	*13*	58.0	+88 56	7.0	7.53	08	1	18	*52*
"	"	" "	"	10.47	05	3	"	..	"	"	" "	"	7.46	08b	1	"	*45*
1837	53.8	+ 2 24	9.5	10.13	01	3	9	..	*2340*	58.0	−15 4	9.0	9.00	01	3	1	*09*
2146	53.9	+ 0 52	9.0	8.79	08	1	8	25	2341	58.0	−14 59	9.0	8.95	01	3	1	01
2309	53.9	−14 58	8.8	8.60	01	3	1	11	2211	58.1	−15 9	8.7	9.02	01	3	1	*11*
1811	54.0	+13 30	6.5	6.07	08b	3	12	13	1887	58.2	+ 4 27	9.5	10.16	01	3	9	..
"	"	" "	"	6.27	08c	3	"	*07*	1860	58.4	+ 2 24	9.5	10.04	01	3	9	..
1664	54.3	+29 31	7.5	6.99	08b	2	19	*05*	1753	58.5	+21 19	7.0	7.66	08	2	19	*34*
"	"	" "	"	7.02	10	2	"	*08*	"	"	" "	"	7.45	08b	2	"	*13*
1841	54.3	+ 2 44	9.5	10.41	10	4	23	..	1981	58.6	+ 1 21	9.5	9.55	01	3	9	..
1895	54.5	+19 48	9.4	9.82	05	3	1	*22*	2355	58.6	−10 13	9.0	9.27	01	3	1	*01*
1875	54.8	+ 4 41	9.1	9.33	05	4	22	..	*2348*	58.9	−15 4	9.0	9.00	01	3	1	*04*
"	"	" "	"	9.20	05b	2	"	..	1911	59.0	+19 7	7.0	6.18	08b	3	12	*12*
2263	55.0	−12 35	7.6	7.73	02	6	4	..	"	"	" "	"	5.92	08c	3	"	14
1866	55.1	+23 53	6.5	6.33	08b	3	12	09	2360	59.2	−10 12	8.6	8.96	01	3	1	05
"	"	" "	"	6.31	08c	3	"	11	1536	59.6	+27 49	7.5	6.18	08b	3	12	*02*
..	55.1	−12 42	..	11.17	02	6	4	..	"	"	" "	"	6.05	08c	3	"	11
..	55.2	−12 38	..	12.23	01	7	4	..	*2351*	59.6	−10 2	8.2	8.37	01	3	1	*06*
1731	55.4	+35 41	6.5	6.34	08b	3	12	*07*	*2365*	59.7	−21 5	7.3	7.82	05	6	1	*18*
"	"	" "	"	6.59	08c	3	"	*32*	2370	8 0.3	−10 9	9.0	8.98	03	3	1	28
2329	55.4	−10 8	8.8	9.03	01	3	1	13	"	"	" "	"	9.34	03g	3	"	*08*
2118	55.4	−18 7	5.3	4.62	04b	2	"	02	1890	0.6	+ 3 37	9.3	9.90	01	3	9	..
"	"	" "	"	4.75	04c	2	"	*11*	1683	0.8	+32 44	8.2	7.71	08	1	19	..
1826	55.5	+24 12	7.8	7.20	02r	2	1	21	"	"	" "	"	7.58	08b	1	"	..
2324	55.5	−10 4	8.2	8.79	01	3	1	02	"	"	" "	"	7.80	10	2	"	..
1838	55.6	+ 9 8	9.5	10.06	05	7	22	..	1391	0.9	+51 48	5.1	4.71	05c	3	13	16
"	"	" "	"	10.37	05b	1	"	..	"	"	" "	"	4.68	05d	3	19	"
..	55.7	−12 30	..	11.43	01	6	4	..	2145	0.9	−22 41	9.5	10.56	05	7	3	..
2379	55.8	− 2 36	6.8	6.63	08br	3	12	*20*	*1688*	1.1	+28 53	8.4	8.53	08	1	19	..
"	"	" "	"	6.42	08c	3	"	01	"	"	" "	"	8.94	08b	1	"	..
2158	56.0	− 0 1	8.9	8.94	01	3	1	04	"	"	" "	"	9.08	10	2	"	..
"	"	" "	"	8.91	01g	2	"	07	1906	1.4	+ 4 22	9.5	10.50	01	3	9	..
..	56.1	−12 38	..	11.76	01	6	4	..	..	1.4	+ 2 29	..	11.24	01	3	9	..
1882	56.2	− 1 7	5.3	4.75	03b	3	13	13	1874	1.6	+ 2 26	9.5	9.75	01	3	9	..
"	"	" "	"	4.97	03c	3	"	*09*	1996	1.6	+ 1 47	9.5	9.40	01	3	9	..
..	56.2	−12 42	..	11.36	01	6	4	..	2191	1.7	+ 0 31	9.0	9.37	01	3	9	..
..	56.5	−12 38	..	11.13	01	6	4	..	2149	1.8	−22 36	9.4	10.07	05	7	3	..
2278	56.6	−12 30	9.7	10.45	02	6	4	..	2150	1.9	−22 35	9.3	9.82	05	7	3	..
2280	56.7	−12 31	8.3	8.77	02	7	4	..	1730	2.1	+10 6	8.8	8.62	06	9	1	05

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° '								h. m.	° '						
2152	8 2.2	−22 44	8.9	8.87	05	7	3	..	2016	8 5.7	+ 1 36	9.5	10.26	01	3	9	..
2153	2.2	−22 30	8.7	8.76	05	7	3	..	2372	5.7	−12 13	9.5	10.19	03	6	16	..
1970	2.3	+ 8 18	9.1	9.68	05	6	22	..	1757	6.0	+31 8	8.0	8.60	08	2	19	..
“	“	“ “	“	9.50	05b	2	“	..	“	“	“ “	“	8.62	08b	2	“	..
2386	2.3	−10 11	9.0	9.09	03	3	1	07	1893	6.0	+ 9 49	8.5	8.94	05	9	1	*17*
“	“	“ “	“	9.42	03g	3	“	*26*	“	“	“ “	“	8.88	05b	1	“	*11*
1999	2.4	+ 0 52	9.0	9.24	08	2	8	*15*	“	“	“ “	“	8.90	06	8	“	*13*
1819	2.5	+42 45	6.7	6.13	08b	3	12	31	..	6.0	+ 0 45	..	11.18	08	2	8	..
“	“	“ “	“	6.15	08c	3	“	29	2375	6.0	−12 9	9.0	9.27	03	6	16	..
2156	2.6	−22 33	9.7	9.99	05	12	3	..	2376	6.0	−12 23	9.8	10.47	03	6	16	..
..	2.8	−22 34	..	10.61	05	6	3	..	“	“	“ “	“	10.82	03g	6	“	..
..	3.0	−22 39	..	11.82	05	2	3	..	1927	6.1	+ 4 20	9.0	9.40	01	3	9	..
..	3.1	+ 0 50	..	11.67	08	2	8	..	2379	6.1	−12 28	9.2	9.60	03	6	16	..
R	3.1	−22 41	R	11.22	05	6	3	..	2417	6.1	−20 4	9.3	9.23	99	1	25	..
R	3.2	−22 29	R	11.54	05	7	3	..	*1747*	6.2	+ 9 59	8.7	8.62	05	9	1	15
6828	3.3	−24 1	3.2	3.18	03c	1	13	*30*	“	“	“ “	“	9.05	05b	1	“	*28*
“	“	“ “	“	3.08	03d	1	“	*20*	“	“	“ “	“	8.49	06	8	“	28
“	“	“ “	“	2.88	04c	2	“	00	2218	6.2	+ 0 21	9.5	10.40	01	3	9	..
“	“	“ “	“	2.94	04d	2	“	*06*	..	6.2	−12 20	..	11.56	03	6	16	..
R	3.4	−22 38	R	11.98	05	2	3	..	..	6.2	−12 24	..	11.56	03	6	16	..
R	3.5	−22 35	R	12.18	05	2	3	..	..	6.2	−12 27	..	11.72	03	6	16	..
2450	3.6	− 2 41	4.8	4.52	03b	2	13	*11*	..	6.4	−12 22	..	11.72	03	6	16	..
“	“	“ “	“	4.46	03c	3	“	*05*		6.5	+17 56						
“	“	“ “	“	4.46	03d	1	“	*05*	*1867*	6.5	+17 57	4.7	4.73	04b	3	13	*02*
2161	3.6	−22 23	9.1	9.55	05	6	3	..		6.5	+17 57						
..	3.8	+ 0 49	..	11.94	08	2	8	..	“	“	“ “	“	4.71	04c	3	“	00
2355	4.1	−12 28	8.6	8.67	03	6	16	..	*2022*	6.6	+ 0 53	8.7	9.00	08	2	8	*21*
5621	4.2	−25 4	9.7	9.76	04	1	25	..	2385	6.6	−12 37	5.0	4.73	03b	1	13	*05*
350	4.3	+74 47	8.5	8.31	08	3	18	16	“	“	“ “	“	5.17	03c	1	“	*49*
“	“	“ “	“	8.55	08b	3	“	*08*	“	“	“ “	“	4.26	04b	2	“	42
..	4.4	+ 0 48	..	10.83	08	2	8	..	“	“	“ “	“	4.66	04c	2	“	02
2205	4.4	− 0 1	8.9	9.18	01	3	1	*20*	..	6.7	−12 24	..	10.96	03	6	16	..
“	“	“ “	“	9.13	01g	3	“	*15*	2396	6.8	− 5 8	8.9	9.22	03	6	16	*22*
2190	4.5	−18 57	4.5	4.43	04b	4	13	*09*	“	“	“ “	“	9.28	03g	3	“	*28*
“	“	“ “	“	4.28	04c	4	“	06	2397	6.8	− 5 15	9.1	9.01	03	6	16	..
..	4.6	+ 0 43	..	10.93	08	2	8	..	..	6.8	−12 19	..	11.32	03	6	16	..
2065	4.7	+39 2	6.5	6.28	08b	3	12	19	*2273*	6.9	−12 3	8.5	8.46	03	6	16	..
“	“	“ “	“	6.76	08c	3	“	*29*	2387	6.9	−12 20	8.9	8.87	03	6	16	..
1889	4.7	+ 9 45	9.0	9.38	05	9	1	*01*	2388	6.9	−12 44	9.5	10.40	03	6	16	..
“	“	“ “	“	8.97	05b	1	“	40	1781	7.0	+15 12	9.4	9.28	07	2	17	..
1891	4.9	+ 2 24	9.5	9.87	01	3	9	..	“	“	“ “	“	9.75	07b	2	“	..
2293	4.9	−21 17	7.5	7.53	05	7	1	*01*	..	7.0	+ 0 47	..	11.92	08	2	8	..
..	5.0	+ 0 50	..	11.38	08	2	8	..	..	7.1	+ 0 48	..	11.94	08	2	8	..
..	5.4	+ 0 52	..	10.80	08	2	8	..	2390	7.1	−12 23	8.8	8.68	03	6	16	..
1695	5.5	+32 47	6.7	6.61	08	1	19	34	2399	7.2	− 5 48	8.0	8.10	03	6	16	..
“	“	“ “	“	6.52	08b	1	“	43	2400	7.2	− 5 8	9.6	10.60	03	6	16	..
“	“	“ “	“	6.90	10	2	“	05	..	7.3	+ 0 47	..	11.93	08	2	8	..
1925	5.6	+ 4 45	9.0	9.94	01	3	1	*03*	2402	7.4	− 5 12	9.4	9.83	03	6	16	..
“	“	“ “	“	9.76	01g	2	“	15	1913	7.8	+23 27	6.5	6.42	08b	3	12	02
1914	5.6	+ 3 34	9.3	9.65	01	3	9	..	“	“	“ “	“	6.35	08c	3	12	09

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2406	8 7.8	− 5 36	9.9	10.44	03	6	16	..
2424	7.9	−10 15	8.9	8.95	03	3	1	01
"	"	" "	"	9.24	03g	3	"	*28*
2411	8.0	− 5 16	9.1	9.09	03	3	1	21
"	"	" "	"	9.38	03g	3	"	*08*
2436	8.0	−20 12	9.3	9.52	99	1	25	..
2417	8.3	− 5 38	9.8	10.47	03	6	16	..
2420	8.4	− 5 16	8.5	8.17	03	6	16	33
"	"	" "	"	8.41	03g	03	"	09
1882	8.5	+17 58	7.4	6.36	08b	3	12	07
"	"	" "	"	6.41	08c	3	"	02
..	8.5	− 5 16	..	11.70	03	6	16	..
..	8.5	− 5 24	..	10.33	03	6	16	..
1867	8.6	+13 8	9.5	10.36	05	6	22	..
..	8.7	− 5 19	..	10.29	03	6	16	..
..	8.7	− 5 24	..	9.81	03	6	16	..
1868	8.8	+13 22	7.2	6.42	08b	3	12	06
"	"	" "	"	6.41	08c	3	"	07
1943	8.8	+ 7 15	9.3	10.28	05	3	22	..
"	"	" "	"	9.86	05b	1	"	..
2436	8.8	− 5 19	8.6	8.65	03	6	16	..
"	"	" "	"	8.77	03g	6	"	..
1944	9.0	+ 7 24	9.5	10.18	05	4	22	..
..	9.0	− 5 19	..	11.65	03	6	16	..
2228	9.4	+ 0 20	9.5	10.36	01	3	9	..
1704	9.5	+32 30	7.5	7.48	08	1	19	*07*
"	"	" "	"	7.19	08b	1	"	22
"	"	" "	"	7.46	10	2	"	*05*
1947	9.5	+ 7 8	9.0	8.16	05	2	22	..
"	"	" "	"	8.17	05b	2	"	..
1910	9.5	+ 2 41	9.5	9.84	01	3	9	..
409	9.6	+72 43	6.2	6.03	08b	3	12	17
"	"	" "	"	6.35	08c	3	"	*15*
1928	9.6	+ 3 19	9.5	10.04	01	3	9	..
2230	9.6	+ 0 49	8.8	9.04	08	2	8	15
1677	9.8	+29 57	8.5	8.76	08	2	1	00
"	"	" "	"	8.89	08b	2	"	*13*
1917	9.8	+ 5 44	8.5	8.60	05	1	25	..
"	"	" "	"	8.91	05b	1	"	..
2459	10.0	− 5 14	9.1	9.01	03	3	1	24
"	"	" "	"	9.39	03g	3	"	*14*
1874	10.1	+13 3	9.5	9.75	05	30	22	..
1940	10.1	+ 4 16	9.5	10.34	01	3	9	..
2044	10.1	+ 1 24	9.0	9.34	01	3	9	..
1875	10.4	+13 10	9.0	8.73	05	8	22	..
"	"	" "	"	8.62	07	2	17	..
"	"	" "	"	8.70	07b	2	"	..
2437	10.4	−10 14	8.9	9.61	03	3	1	20
"	"	" "	"	9.92	03g	3	"	*11*
1908	10.5	+ 5 53	9.2	9.54	05	2	22	..
	h. m.	° ′						
A	8 10.5	+ 5 53	9.2	9.66	05b	2	22	..
1802	10.6	+12 50	9.5	10.98	05	6	22	..
2463	10.7	− 5 43	8.3	8.38	03	6	16	..
2443	11.0	−10 8	8.7	8.85	03	3	1	31
"	"	" "	"	9.29	03g	3	"	*13*
1917	11.1	+ 9 30	3.7	3.88	04b	1	13	*12*
"	"	" "	"	3.51	04c	3	"	25
"	"	" "	"	3.82	04d	2	"	*06*
1879	11.5	+13 3	9.0	9.28	05	2	22	..
1881	11.8	+13 8	9.4	9.24	05	9	22	..
"	"	" "	"	9.63	05b	1	"	..
1807	11.8	+12 44	9.3	10.17	05	6	22	..
1807	11.8	+11 5	8.7	8.79	07	4	6	..
2473	11.8	− 5 15	9.1	9.13	03	3	1	07
"	"	" "	"	9.50	03g	3	"	*30*
1781	12.0	+30 57	8.3	8.75	08	2	19	..
"	"	" "	"	8.92	08b	2	"	..
1883	12.4	+13 15	9.5	10.27	05	6	22	..
1810	12.4	+12 44	9.1	9.47	05	5	22	..
"	"	" "	"	9.97	05b	1	"	..
1884	12.6	+13 10	9.5	9.61	05	7	22	..
"	"	" "	"	9.71	05b	1	"	..
2249	12.6	− 0 6	8.6	8.72	01	3	1	06
"	"	" "	"	8.70	01g	3	"	08
2045	12.7	+19 56	8.5	8.46	01	2	1	*21*
..	13.0	+12 50	..	11.78	05	2	22	..
1813	13.0	+12 49	9.4	9.97	05	6	22	..
1944	13.0	+ 3 19	9.5	11.22	01	4	9	..
1948	13.2	+ 4 42	8.5	8.44	01	3	1	16
"	"	" "	"	8.44	01g	3	"	16
1795	13.5	+15 26	9.5	10.48	07	2	17	..
"	"	" "	"	10.73	07b	2	"	..
1951	13.5	+ 4 29	9.5	10.49	01	3	9	..
1873	13.6	+14 51	9.0	9.51	00	1	1	*27*
"	"	" "	"	9.19	01	2	"	05
2370	13.7	−15 10	8.8	9.69	08	3	18	*63*
"	"	" "	"	9.76	08b	3	"	*70*
1888	13.8	+12 58	9.4	10.57	05	6	22	..
1933	13.8	+ 2 22	9.3	9.42	01	3	9	..
1889	13.9	+12 58	9.4	10.53	05	6	22	..
2263	13.9	+ 0 50	9.5	10.09	01	3	9	..
1979	14.2	+19 46	8.5	9.08	00	1	1	*13*
"	"	" "	"	8.94	01	2	"	01
1771	14.3	+10 3	9.2	8.68	06	8	1	04
1043	14.4	+60 57	6.7	6.29	08b	3	12	19
"	"	" "	"	6.44	08c	3	"	04
1772	14.4	+10 2	9.3	9.54	06	8	1	*26*
2066	14.4	+ 1 28	9.3	9.58	01	3	9	..
1817	14.6	+12 43	9.5	10.36	05	2	22	..
"	"	" "	"	9.88	06	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	8 14.6	+12 43	9.5	10.14	06b	2	22	..
2277	14.7	−18 9	8.0	7.56	07	2	17	..
"	"	" "	"	7.87	07b	2	"	..
1820	14.9	+12 50	9.5	10.07	05	4	22	..
"	"	" "	"	9.84	06	1	"	..
"	"	" "	"	10.16	06b	1	"	..
"	"	" "	"	9.76	07	2	17	..
"	"	" "	"	10.04	07b	2	"	..
1966	15.1	− 0 36	7.2	6.32	08b	3	12	*02*
"	"	" "	"	6.11	08c	3	"	19
2442	15.2	−17 57	9.1	9.57	09	8	24	..
1988	15.3	+19 46	9.1	9.17	00	1	1	23
"	"	" "	"	9.16	01	2	"	24
..	15.4	+17 37	..	12.05	01	6	5	..
1800	15.5	+15 2	9.0	9.12	00	1	1	02
"	"	" "	"	9.04	01	2	"	10
"	"	" "	"	8.97	08	3	18	17
"	"	" "	"	9.16	08b	3	"	*02*
1960	15.5	+ 2 59	8.0	7.63	07	3	17	..
"	"	" "	"	7.16	07b	1	"	..
2447	15.5	−17 54	9.5	9.91	09	4	25	..
1990	15.6	+19 47	9.2	9.43	00	1	1	12
"	"	" "	"	9.51	01	1	"	04
1897	15.6	+13 5	9.3	8.97	05	5	22	..
"	"	" "	"	9.02	05b	3	"	..
1921	15.8	+17 59	9.1	9.16	01	8	5	01
1815	16.0	+43 31	5.0	4.41	05c	3	13	02
"	"	" "	"	4.49	05d	3	"	*06*
1991	16.1	+19 48	8.9	8.62	00	1	1	03
"	"	" "	"	8.70	01	2	"	*05*
..	16.1	+17 44	..	12.63	00	2	5	..
"	"	" "	"	12.57	01	4	"	..
1803	16.1	+14 55	9.3	9.22	00	1	1	32
"	"	" "	"	9.60	01	2	"	*06*
1804	16.2	+14 56	9.0	9.58	00	1	1	*24*
"	"	" "	"	9.42	01	2	"	*08*
1878	16.2	+14 39	7.9	7.85	00	1	1	04
"	"	" "	"	7.94	01	2	"	*05*
..	16.3	+17 36	..	11.40	00	2	5	..
"	"	" "	"	11.29	01	4	"	..
2017	16.3	− 1 17	7.0	6.67	08b	3	12	*32*
"	"	" "	"	6.40	08c	3	"	*05*
..	16.4	+17 44	..	12.58	00	2	5	..
"	"	" "	"	12.54	01	4	"	..
1821	16.4	+12 7	9.3	9.91	06	5	22	..
"	"	" "	"	9.78	06b	1	"	..
..	16.6	+17 30	..	11.83	00	2	5	..
"	"	" "	"	11.70	01	4	"	..
..	17.0	+17 35	..	12.36	00	2	5	..
1822	17.0	+11 56	9.4	10.33	06	5	22	..
	h. m.	° ′						
A	8 17.0	+11 56	9.4	10.39	06b	1	22	..
1823	17.0	+12 2	9.5	10.14	06	5	22	..
"	"	" "	"	10.42	06b	1	"	..
2276	17.1	+ 0 39	9.5	10.31	01	3	9	..
1702	17.3	+30 30	8.1	8.60	08	2	19	..
"	"	" "	"	8.71	08b	2	"	..
1827	17.9	+11 57	9.3	9.38	06	3	22	..
"	"	" "	"	9.58	06b	3	"	..
1859	18.0	+42 20	6.5	6.06	08b	3	12	16
"	"	" "	"	6.14	08c	3	"	08
1965	18.0	+ 3 25	9.3	9.44	01	3	9	..
2452	18.0	− 7 14	6.5	6.06	08b	3	12	09
"	"	" "	"	6.35	08c	3	"	*20*
1828	18.1	+12 10	9.5	10.33	06	4	22	..
"	"	" "	"	10.55	06b	2	"	..
2490	18.1	−12 44	6.6	6.49	08b	3	12	*19*
"	"	" "	"	6.45	08c	3	"	*15*
..	18.2	− 8 18	..	10.84	08	1	3	..
1830	18.4	+12 21	9.5	9.58	06	4	22	..
"	"	" "	"	10.06	06b	2	"	..
1954	18.4	+ 2 31	9.0	9.10	01	3	9	..
2082	18.4	+ 1 31	9.3	9.28	01	3	9	..
2097	18.6	+39 35	8.5	8.54	00	1	25	..
1966	18.7	+ 4 20	9.4	10.04	01	3	9	..
..	18.8	− 8 15	..	10.90	08	4	3	..
2460	18.9	− 8 8	9.1	9.91	08	4	3	..
2339	19.0	− 8 8	8.4	8.60	08	4	3	*45*
2463	19.3	− 8 4	8.3	8.54	08	4	3	..
..	19.3	− 8 9	..	10.49	08	4	3	..
2466	19.7	− 8 0	8.9	9.06	08	4	3	..
..	19.7	− 8 11	..	12.62	08	4	3	..
2506	19.8	−10 12	7.8	8.40	08	4	1	06
2468	19.9	− 8 6	9.4	10.14	08	4	3	..
..	19.9	− 8 21	..	10.77	08	4	3	..
2081	20.1	+19 55	9.2	8.99	00	1	1	*09*
1834	20.1	+12 12	9.5	9.77	06	4	22	..
"	"	" "	"	9.84	06b	2	"	..
..	20.1	− 8 11	..	11.06	08	4	3	..
2346	20.1	− 8 23	9.5	10.69	08	4	3	..
..	20.3	− 8 11	..	12.02	08	4	3	..
1965	20.4	+ 2 27	6.5	5.99	08b	3	12	*08*
"	"	" "	"	5.76	08c	3	"	15
1890	20.6	+13 52	9.0	8.92	05	3	22	..
"	"	" "	"	8.73	05b	1	"	..
2523	20.6	− 5 10	8.6	8.54	05r	6	1	*09*
2339	20.7	− 3 35	3.7	4.19	03b	1	13	*24*
"	"	" "	"	3.75	03c	3	"	20
"	"	" "	"	3.79	03d	2	"	16
..	20.9	+ 4 38	..	11.43	01	2	9	..
2516	21.0	−10 4	8.3	8.86	08	4	1	*10*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2512	8 21.0	−10 12	9.0	9.80	08	4	1	*04*	A	8 25.1	+53 26	6.4	6.33	08c	3	12	20
1975	21.1	+ 4 38	9.5	10.39	01	3	9	..	1994	25.2	+ 4 33	9.4	10.02	01	2	9	..
“	“	“ “	“	10.47	01g	1	“	..	“	“	“ “	“	10.01	01g	1	“	..
1969	21.1	+ 2 28	9.5	9.90	01	3	9	..	2107	25.3	+ 1 28	9.0	9.36	01r	2	9	..
2525	21.1	− 5 12	8.8	8.68	05	8	1	12	“	“	“ “	“	9.14	01g	1	“	..
2353	21.1	− 8 27	7.8	7.85	08	4	3	..	2554	25.3	− 5 57	9.7	10.24	05	6	3	..
2442	21.1	−17 7	6.7	6.81	08b	3	12	*37*	1284	25.4	+55 41	7.5	7.65	08	4	19	03
“	“	“ “	“	6.74	08c	3	“	*30*	“	“	“ “	“	7.26	08b	4	“	42
2093	21.2	+ 1 37	9.5	10.45	01	3	9	..	1938	25.4	+24 45	8.8	8.96	07	1	1	10
2345	21.5	− 3 40	6.2	5.28	03b	2	13	13	“	“	“ “	“	9.06	07b	1	“	00
“	“	“ “	“	5.65	03c	2	“	*24*	2108	25.5	+ 1 24	9.5	9.82	01	3	9	..
2298	21.6	+ 0 50	9.3	9.96	01	3	9	..	2317	25.5	+ 0 47	9.5	10.64	01	2	9	..
1980	21.9	+ 3 22	9.5	10.46	01	3	9	..	“	“	“ “	“	11.24	01g	1	“	..
1054	22.0	+61 3	3.3	3.47	05c	4	13	00	6158	25.5	−25 20	9.4	9.60	05	1	25	..
“	“	“ “	“	3.46	05d	4	“	01	2546	25.6	−10 17	8.1	8.84	08	4	1	*03*
2530	22.3	− 6 5	7.0	6.82	08b	3	12	*34*	1719	25.7	+30 3	8.1	8.11	08	3	18	..
“	“	“ “	“	6.80	08c	3	“	*32*	“	“	“ “	“	8.10	08b	3	“	..
472	23.0	+69 39	6.5	6.19	08b	3	12	25	2026	25.9	+19 47	8.2	8.02	02	3	1	03
“	“	“ “	“	6.51	08c	3	“	*07*	1770	26.2	+29 49	8.5	8.68	08	3	1	*17*
2537	23.0	− 5 20	9.0	9.26	05	2	25	..	“	“	“ “	“	8.67	08b	3	“	*16*
2538	23.1	− 5 36	9.0	8.52	05	8	3	..	1996	26.3	+ 3 25	9.5	10.33	01	3	9	..
2306	23.3	− 0 2	8.5	9.06	01	3	1	*18*	1997	26.3	+ 2 7	9.5	10.29	01	3	9	..
“	“	“ “	“	8.98	01g	3	“	*10*	*2104*	26.4	+19 55	9.1	9.54	02	3	1	06
1981	23.5	+ 4 39	8.2	7.76	01	4	1	14	*2106*	26.6	+19 54	9.2	9.75	02	3	1	20
“	“	“ “	“	7.86	01g	4	“	04	2564	26.8	− 5 59	9.1	8.92	05	6	3	..
2581	23.5	− 2 11	7.0	6.53	08b	3	12	*24*	1937	26.9	+13 34	8.5	7.78	05	2	22	..
“	“	“ “	“	6.52	08c	3	“	*23*	“	“	“ “	“	7.92	05b	2	“	..
2374	23.5	− 8 29	6.5	6.47	08b	3	12	01	1864	27.0	+11 46	9.0	9.25	07	3	17	..
“	“	“ “	“	6.69	08c	3	“	*21*	“	“	“ “	“	9.60	07b	1	“	..
2542	23.8	− 5 36	9.5	9.99	05	6	3	..	*2111*	27.5	+19 58	9.3	9.64	02	3	1	*14*
1938	23.9	+22 15	9.3	9.65	07	3	17	..	“	“	“ “	“	9.63	03	3	“	*13*
“	“	“ “	“	9.92	07b	1	“	..	“	“	“ “	“	9.97	03g	3	“	*47*
2544	24.1	− 5 33	7.7	7.44	05	6	3	*06*	2566	27.6	− 5 34	7.7	6.98	05	2	1	*18*
2545	24.2	− 5 18	8.8	8.38	05	6	1	02	1940	28.2	+13 36	6.8	6.30	08b	3	12	10
..	24.2	− 5 38	..	10.50	05	6	3	..	“	“	“ “	“	6.29	08c	3	“	11
..	24.2	− 6 1	..	12.00	05	6	3	..	2034	28.3	+19 37	9.2	9.63	02	6	4	..
..	24.2	− 6 2	..	11.32	05	6	3	..	1978	28.7	+18 44	7.8	7.69	02	6	4	..
..	24.3	− 5 45	..	10.78	05	6	3	..	1899	28.8	+42 7	8.5	9.20	08	1	25	..
..	24.3	− 5 57	..	11.90	05	6	3	..	“	“	“ “	“	9.31	08b	1	“	..
2547	24.6	− 5 41	8.7	8.63	05	6	3	..	2037	28.9	+19 16	9.5	10.49	02	6	4	..
..	24.6	− 6 1	..	12.16	05	6	3	..	*2117*	29.3	+19 51	9.2	9.31	02	3	1	21
6134	24.6	−25 8	9.0	9.45	05	1	25	*20*	“	“	“ “	“	9.08	03	3	1	44
2104	24.7	+ 1 23	9.5	10.36	01	1	25	..	“	“	“ “	“	9.44	03g	3	“	08
2549	24.7	− 6 6	9.5	10.66	05	12	3	..	2039	29.4	+19 30	9.3	10.03	02	6	4	..
6136	24.7	−25 14	8.4	8.48	05	1	25	12	2040	29.4	+19 32	9.5	11.19	02	6	4	..
1870	24.8	+37 36	6.5	6.09	08b	3	12	*03*	..	29.4	+19 8	..	11.84	02	6	4	..
“	“	“ “	“	5.99	08c	3	“	07	2012	29.5	+ 2 28	9.4	9.88	01	3	9	..
1990	25.0	+ 4 33	9.0	9.48	01	1	25	..	2130	29.5	+ 1 25	9.5	9.95	01	3	9	..
..	25.0	− 6 4	..	10.91	05	6	3	..	2000	29.7	+ 4 14	9.5	9.62	01	3	9	..
1259	25.1	+53 26	6.4	6.24	08b	3	12	29	..	29.8	+19 7	..	12.38	02	7	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2008	8 29.8	+ 3 11	9.3	9.88	01	3	9	. .
2043	30.1	+19 31	9.3	10.38	02	6	4	. .
2337	30.1	+ 0 26	9.5	10.36	01	3	9	. .
. .	30.2	+19 10	. .	12.07	02	5	4	. .
. .	30.3	+19 3	. .	11.58	02	6	4	. .
2014	30.3	+ 3 5	7.0	6.38	08b	3	12	10
“	“	“ “	“	6.24	08c	3	“	24
2581	30.4	−10 2	8.7	9.30	08	4	1	11
. .	30.5	+19 26	. .	13.39	02	12	4	. .
. .	30.6	+19 2	. .	11.14	02	6	4	. .
. .	30.7	+19 21	. .	12.85	02	13	4	. .
2045	30.8	+19 19	9.0	9.18	02	6	4	*13*
2046	30.8	+19 12	9.5	9.84	02	6	4	. .
1903	30.9	+42 9	8.6	8.52	08	3	19	. .
“	“	“ “	“	8.68	08b	3	“	. .
1991	31.0	+18 49	8.8	8.84	02	6	4	. .
2047	31.1	+19 15	8.5	8.70	02	6	4	*18*
698	31.5	+64 40	4.7	4.81	05c	4	“	*05*
“	“	“ “	“	4.87	05d	3	“	*11*
2345	31.5	+ 0 44	9.2	9.26	08	2	8	*12*
. .	31.7	+19 2	. .	10.71	02	6	4	. .
. .	31.8	+50 25	. .	10.60	06	6	3	. .
2133	31.9	+19 53	8.4	8.30	02	3	1	*10*
“	“	“ “	“	8.32	03	3	“	*12*
“	“	“ “	“	8.24	03g	3	“	*04*
1560	32.1	+50 38	9.4	9.82	05	10	3	. .
2053	32.1	+19 38	7.2	7.06	02	5	4	*36*
“	“	“ “	“	7.06	02g	2	“	*36*
2350	32.3	− 0 5	8.6	8.82	01	3	1	11
“	“	“ “	“	8.96	01g	3	“	*03*
“	“	“ “	“	8.67	02	1	“	26
“	“	“ “	“	8.58	02g	1	“	35
2001	32.4	+ 6 3	4.5	4.30	04b	3	13	*12*
“	“	“ “	“	4.04	04c	3	“	14
. .	32.4	+ 0 50	. .	11.88	08	2	8	. .
6323	32.5	−25 9	9.7	11.04	04	1	25	. .
. .	32.8	+ 0 45	. .	11.03	08	2	8	. .
. .	32.8	+ 0 43	. .	11.56	08	2	8	. .
2138	32.9	+20 21	8.4	8.27	03	6	16	. .
1887	32.9	+11 44	9.5	10.27	07	3	17	. .
“	“	“ “	“	10.68	07b	1	“	. .
2004	32.9	+ 4 37	9.0	9.24	01	2	1	21
“	“	“ “	“	9.26	01g	2	“	19
“	“	“ “	“	9.19	02	1	“	26
“	“	“ “	“	9.32	02g	1	“	13
. .	33.0	+20 24	. .	11.14	03	6	16	. .
2432	33.0	− 9 8	10	11.33	06	6	3	. .
1322	33.1	+56 3	8.1	8.05	08	3	19	. .
“	“	“ “	“	7.98	08b	3	“	. .
. .	33.1	+20 26	. .	10.70	03	6	16	. .
. .	8 33.1	+20 23	. .	11.43	03	6	16	. .
2139	33.1	+19 51	9.0	9.04	02	3	1	*19*
“	“	“ “	“	8.79	03	3	“	06
“	“	“ “	“	8.90	03g	3	“	*05*
2603	33.1	− 9 11	9.4	10.56	06	6	3	. .
1564	33.2	+50 11	9.5	10.73	05	5	3	. .
“	“	“ “	“	10.83	06	1	“	. .
1565	33.2	+50 9	9.4	10.51	05	5	3	. .
“	“	“ “	“	10.39	06	1	“	. .
2604	33.2	− 9 42	9.6	10.57	06	6	3	. .
2141	33.3	+20 22	8.5	8.49	03	6	16	. .
“	“	“ “	“	8.28	03g	6	“	. .
2143	33.4	+20 2	8.0	7.68	03	6	16	. .
2144	33.4	+19 57	8.8	8.64	02	3	1	*06*
“	“	“ “	“	8.47	03	3	“	11
“	“	“ “	“	8.44	03g	3	“	14
2669	33.4	− 6 19	6.7	6.60	08b	3	12	*11*
“	“	“ “	“	6.55	08c	3	“	*06*
2026	33.5	+ 3 42	4.9	4.56	01i	2	1	*02*
“	“	“ “	“	4.45	02i	1	“	09
“	“	“ “	“	4.45	04b	3	13	09
“	“	“ “	“	4.61	04c	3	“	*07*
. .	33.6	+ 0 47	. .	11.12	08	2	8	. .
. .	33.7	+20 11	. .	12.74	03	7	16	. .
2032	33.7	+ 1 51	9.5	11.02	01	2	9	. .
“	“	“ “	“	11.11	02	1	“	. .
2146	33.8	+20 25	9.5	10.11	03	6	16	. .
2355	33.9	+ 0 10	9.5	10.43	01	2	9	. .
“	“	“ “	“	10.30	02	1	“	. .
2148	34.0	+20 27	8.0	8.14	03	6	16	. .
2143	34.0	+ 0 52	9.4	10.46	08	2	8	. .
2099	34.1	+ 8 22	7.5	6.64	08b	3	12	*15*
“	“	“ “	“	6.50	08c	3	“	*01*
2036	34.1	+ 2 9	9.3	9.92	01	2	9	. .
“	“	“ “	“	9.90	02	1	“	. .
1567	34.2	+50 43	9.5	11.60	05	4	3	. .
“	“	“ “	“	11.36	06	2	“	. .
2151	34.2	+20 25	9.4	9.90	03	6	16	. .
. .	34.2	+20 18	. .	11.50	03	6	16	. .
2152	34.2	+19 55	8.2	7.52	02	3	1	*58*
2153	34.2	+19 54	8.2	7.81	02	3	1	*66*
2154	34.2	+20 32	9.0	8.84	03	6	16	. .
2155	34.2	+20 23	9.1	9.02	03	6	16	. .
2156	34.3	+20 30	9.3	9.39	03	6	16	. .
2157	34.3	+20 5	9.5	9.61	03	6	16	. .
2028	34.3	+ 3 18	9.5	10.28	01	2	9	. .
“	“	“ “	“	10.28	02	1	“	. .
2158	34.4	+20 22	7.0	6.41	08b	3	12	07
“	“	“ “	“	6.47	08c	3	“	01
2009	34.4	+ 4 19	9.5	10.06	01	2	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	8 34.4	+ 4 19	9.5	9.68	02	1	2	..
2610	34.6	− 9 13	8.0	8.65	06	6	3	..
..	34.8	+50 16	..	12.19	06	6	3	..
2444	34.8	− 8 51	8.0	8.27	06	6	3	..
1446	35.0	+51 1	8.8	8.87	05r	5	3	..
1961	35.0	+13 10	9.1	8.89	05r	8	22	..
“	“	“ “	“	8.92	05b	7	“	..
..	35.2	+50 10	..	11.96	06	6	3	..
2616	35.2	− 9 14	9.5	10.70	06	6	3	..
1569	35.4	+50 24	9.4	10.13	05.	5	3	..
“	“	“ “	“	10.10	06	1	“	..
2617	35.6	− 9 29	9.2	10.08	06	6	3	..
2618	35.6	− 9 21	9.1	9.77	06r	5	3	..
1571	35.9	+50 22	8.4	8.31	05	5	3	..
“	“	“ “	“	8.40	06	1	“	..
2619	36.0	− 9 13	8.9	9.37	06r	5	3	..
1606	36.1	+47 16	6.5	6.19	08b	3	12	02
“	“	“ “	“	6.24	08c	3	“	*03*
2452	36.2	− 8 42	6.5	6.91	08b	3	12	*43*
“	“	“ “	“	6.86	08c	3	“	*38*
2083	36.4	+19 46	8.4	7.90	02	6	5	00
2084	36.5	+19 17	8.0	7.89	02	6	5	11
2363	36.8	+ 0 49	9.4	9.85	08	2	8	..
2623	36.8	− 9 44	8.7	9.26	06r	5	3	..
2085	37.0	+19 28	9.5	11.44	02	9	5	..
..	37.0	+19 25	..	10.56	02	2	5	..
2086	37.1	+19 14	9.5	10.43	02	10	5	*15*
2554	37.1	−15 35	5.4	4.97	03b	3	13	01
“	“	“ “	“	5.10	03c	3	“	*12*
2035	37.2	+ 3 27	9.5	9.48	01	2	9	..
“	“	“ “	“	9.59	02	1	“	..
2088	37.4	+19 27	9.0	9.16	02r	2	5	14
2432	37.4	−11 36	6.8	6.75	08b	3	12	*45*
“	“	“ “	“	6.56	08c	3	“	*26*
1895	37.5	+21 50	4.5	4.83	04b	3	13	*10*
“	“	“ “	“	4.59	04c	3	“	14
2366	37.5	+ 0 13	9.5	10.42	01	2	9	..
“	“	“ “	“	10.40	02	1	“	..
6448	37.5	−25 19	8.5	9.15	05	1	25	..
1899	37.8	+37 17	7.0	6.40	08b	3	12	*06*
“	“	“ “	“	6.51	08c	3	12	*17*
2051	37.9	+ 2 33	9.5	10.22	01	2	9	..
“	“	“ “	“	9.96	02	1	“	..
2039	38.0	+ 3 46	5.0	4.28	01i	2	1	04
“	“	“ “	“	3.79	02i	1	“	53
“	“	“ “	“	4.30	04b	4	13	02
“	“	“ “	“	4.17	04c	3	“	15
2089	38.1	+19 10	9.4	9.55	02	6	5	07
1859	38.2	+10 2	9.0	8.51	05	7	1	*27*
“	“	“ “	“	8.66	05b	2	“	*42*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1860	8 38.3	+ 9 51	8.7	8.59	05	7	1	23
“	“	“ “	“	8.51	05b	2	“	31
2027	38.4	+ 4 24	9.5	9.80	01	2	9	..
“	“	“ “	“	9.33	02	1	“	..
2157	38.4	+ 1 34	9.3	9.24	01	2	9	..
“	“	“ “	“	9.59	02	1	“	..
2091	38.5	+18 52	9.4	9.76	02	6	5	..
1922	38.6	+42 4	8.2	8.55	08	3	19	..
“	“	“ “	“	8.35	08b	3	“	..
2029	38.7	+ 4 42	7.5	6.22	08b	3	12	11
“	“	“ “	“	6.26	08c	3	“	07
2708.	38.7	− 6 52	4.5	4.76	03b	2	13	*06*
“	“	“ “	“	4.73	03c	3	“	*03*
“	“	“ “	“	4.77	03d	1	“	*07*
2027	39.0	+18 31	4.5	3.81	04b	1	13	36
“	“	“ “	“	4.14	04c	3	“	03
“	“	“ “	“	4.15	04d	2	“	02
2619	39.2	−10 12	8.5	9.06	06	5	1	*05*
2093	39.6	+19 15	9.2	9.28	02	6	5	..
2104	39.7	+39 53	8.8	9.14	08	4	1	*02*
“	“	“ “	“	9.22	08b	4	“	*10*
2094	39.7	+19 14	8.5	8.28	02	6	5	*03*
2030	39.7	+ 6 3	7.0	6.10	08b	3	12	*10*
“	“	“ “	“	6.04	08c	3	“	*04*
..	39.7	+ 0 47	..	10.92	08	2	8	..
1904	39.8	+11 12	9.5	10.41	07	3	17	..
“	“	“ “	“	10.72	07b	1	“	..
2641	39.8	−10 8	8.8	9.56	06	5	1	00
1635	39.9	+44 55	9.0	8.89	08	3	18	31
“	“	“ “	“	9.22	08b	3	“	*02*
2375	39.9	+ 0 42	9.1	9.56	08	2	8	*07*
2097	40.1	+19 24	8.2	7.94	02	6	5	11
2378	40.2	+ 0 44	9.3	9.98	08	2	8	..
..	40.3	+ 0 48	..	11.08	08	2	8	..
2676	40.3	− 2 14	6.9	6.51	08b	3	12	*34*
“	“	“ “	“	6.60	08c	3	“	*43*
1824	40.6 40.6	+29 8 +29 8	4.2	4.34	04b	2	13	*25*
“	“	“ “	“	4.22	04c	3	“	*13*
“	“	“ “	“	4.14	04d	1	“	*05*
2049	41.3	+ 3 15	9.3	9.72	01	2	9	..
“	“	“ “	“	9.82	02	1	“	..
2384	41.4	+ 0 43	9.0	9.66	08	2	8	08
1336	41.5	+56 42	8.2	8.04	08	3	19	..
“	“	“ “	“	8.27	08b	3	“	..
2036	41.5	+ 6 47	3.5	3.47	04c	3	13	01
“	“	“ “	“	3.38	04d	3	“	10
1772	41.7	+49 48	7.9	8.24	05	6	1	03
“	“	“ “	“	8.16	05b	1	“	11
“	“	“ “	“	8.41	06	6	“	*14*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1871	8 41.7	+ 9 59	8.7	8.62	03	3	1	00	A	8 45.3	−10 0	8.8	9.56	06	4	1	05
“	“	“ “	“	8.92	03g	3	“	*30*	“	“	“ “	“	9.80	06b	1	“	*19*
“	“	“ “	“	8.54	05	7	“	08	2075	45.5	+ 2 22	9.5	9.95	01	1	9	..
“	“	“ “	“	8.50	05b	2	“	12	“	“	“ “	“	10.04	02	2	“	..
2053	41.7	+ 9 45	8.8	8.27	03	3	1	10	1935	45.6	+42 23	6.2	5.73	08b	3	12	41
“	“	“ “	“	8.41	03g	3	“	*04*	“	“	“ “	“	6.00	08c	3	“	14
2673	41.7	−13 11	4.8	4.54	03b	2	13	*10*	2070	45.6	+ 9 47	9.0	9.19	03	3	1	23
“	“	“ “	“	4.38	03c	3	“	06	“	“	“ “	“	9.53	03g	3	“	*11*
“	“	“ “	“	4.14	03d	1	“	30	*2470*	45.8	− 5 1	8.8	8.91	00	2	1	*11*
2390	42.1	+ 0 22	9.2	9.26	01	2	9	..	“	“	“ “	“	8.88	01	2	“	*08*
“	“	“ “	“	8.99	02	1	“	..	*2183*	45.9	+ 0 51	8.2	8.08	08	1	8	*44*
2067	42.4	+ 2 28	9.3	9.28	01	2	9	..	1925	46.0	+12 29	8.0	8.02	03	6	16	..
“	“	“ “	“	9.48	02	1	“	..	2405	46.1	+ 0 16	9.5	10.74	01	1	9	..
1775	42.6	+49 49	9.0	9.58	05	7	1	04	“	“	“ “	“	10.37	02	2	“	..
“	“	“ “	“	9.40	06	6	“	22	1999	46.3	+24 41	8.0	8.54	07	3	17	*08*
1874	42.7	+10 3	9.0	9.24	03	3	1	13	“	“	“ “	“	8.63	07b	1	“	*17*
“	“	“ “	“	9.68	03g	3	“	*31*	2075	46.3	+ 3 18	9.3	9.52	01	1	9	..
2043	42.9	+ 4 42	9.0	8.97	01	2	1	*22*	“	“	“ “	“	9.34	02	2	“	..
“	“	“ “	“	8.69	01g	2	“	06	1927	46.4	+12 15	8.0	7.82	03	6	16	..
“	“	“ “	“	8.88	02	3	“	*13*	“	“	“ “	“	8.01	03g	6	“	..
“	“	“ “	“	8.61	02g	2	“	14	..	46.4	+12 10	..	10.74	03	6	16	..
2044	43.0	+ 4 19	9.0	8.95	01	1	9	..	1659	46.5	+28 38	6.5	6.08	08b	3	12	23
“	“	“ “	“	8.78	02	2	“	..	“	“	“ “	“	6.18	08c	3	“	13
2040	43.1	+ 6 13	4.8	4.47	04b	3	13	*05*	..	46.6	+12 19	..	12.76	03	6	16	..
“	“	“ “	“	4.53	04c	3	“	*11*	..	46.6	+12 16	..	10.48	03	6	16	..
2172	43.1	+ 1 12	9.5	9.89	01	1	9	..	..	46.6	+12 13	..	10.42	03	6	16	..
“	“	“ “	“	10.07	02	2	“	..	*2475*	46.6	− 5 2	8.8	8.82	00	2	1	*27*
2727	43.1	− 6 11	6.8	6.31	08b	3	12	*09*	“	“	“ “	“	9.02	01	2	“	*47*
“	“	“ “	“	6.38	08c	3	“	*16*	2114	46.7	+19 44	8.3	8.53	06	6	1	*18*
..	43.5	+ 0 44	..	11.58	08	2	8	..	1940	46.9	+42 22	8.3	8.56	08	3	19	..
1776	43.6	+49 43	8.2	8.40	05	6	1	*08*	“	“	“ “	“	8.74	08b	3	“	..
“	“	“ “	“	8.44	05b	1	“	*12*	1930	46.9	+12 6	9.5	10.46	03	6	16	..
“	“	“ “	“	8.40	06	6	“	*08*	2060	47.0	+ 4 6	9.5	9.72	01	1	9	..
1914	44.1	+12 32	8.5	7.86	03	6	16	..	“	“	“ “	“	9.65	02	2	“	..
1997	44.4	+24 57	8.8	8.89	07	3	17	17	..	47.1	+12 13	..	12.30	03	6	16	..
“	“	“ “	“	9.24	07b	1	“	*18*	*2410*	47.4	− 0 5	9.0	9.27	01	1	1	*04*
1922	44.5	+11 38	8.7	8.31	03	6	16	..	“	“	“ “	“	9.36	01g	1	“	*13*
2180	44.5	+ 1 26	9.3	9.75	01	1	9	..	“	“	“ “	“	9.40	02	2	“	*17*
“	“	“ “	“	9.38	02	2	“	..	“	“	“ “	“	9.39	02g	2	“	*16*
1919	44.8	+12 13	9.3	8.84	03	6	16	..	1932	47.6	+12 4	9.4	10.57	03	6	16	..
1923	44.9	+11 47	8.9	8.60	03	6	16	..	2119	47.7	+19 42	8.2	7.87	02	4	4	03
1924	44.9	+11 42	9.2	8.87	03	6	16	..	“	“	“ “	“	7.99	03	2	“	*09*
2399	44.9	+ 0 46	8.7	9.05	08	1	8	*26*	“	“	“ “	“	7.58	06	6	1	32
..	45.0	+ 2 30	..	10.25	02	1	9	..	1967	47.8	+17 22	9.2	9.31	06	6	5	..
“	“	“ “	“	10.25	02g	1	“	..	2083	47.8	+ 3 45	9.3	9.22	01	4	25	00
1693	45.2	+47 57	8.0	8.12	08	2	19	..	“	“	“ “	“	9.07	01g	4	“	15
“	“	“ “	“	7.84	08b	2	“	..	“	“	“ “	“	9.44	02	2	“	*22*
1922	45.3	+12 28	9.5	9.72	03	6	16	..	“	“	“ “	“	9.52	02g	2	“	*30*
2671	45.3	−10 0	8.8	9.60	00	1	1	01	1899	47.9	+10 0	8.3	8.37	03	3	1	25
“	“	“ “	“	9.35	01	1	“	26	“	“	“ “	“	8.55	03g	3	“	07

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2233	8 48.3	+20 37	8.5	8.75	02	4	4	..
“	“	“ “	“	8.63	03	2	“	..
2077	48.3	+18 4	9.0	8.85	06	6	5	..
2655	48.4	− 5 13	9.1	9.03	00	2	1	07
“	“	“ “	“	9.22	01	2	“	*12*
1968	48.5	+17 34	8.6	8.66	06	6	5	..
2234	48.6	+19 58	8.5	8.45	02	4	4	13
“	“	“ “	“	8.39	03	2	“	19
2087	48.6	+ 2 28	9.3	8.84	01	1	9	..
“	“	“ “	“	9.07	02	2	“	..
1969	48.7	+17 21	9.5	10.69	06	6	5	..
..	48.8	+20 20	..	11.32	07	4	4	..
2087	48.9	− 0 14	8.2	8.62	08	3	18	*19*
“	“	“ “	“	8.64	08b	3	“	*21*
1944	49.1	+42 4	7.0	7.98	08	2	19	*48*
“	“	“ “	“	7.73	08b	2	“	*23*
2685	49.4	−10 32	7.9	8.10	00	1	1	21
“	“	“ “	“	8.11	01	1	“	20
“	“	“ “	“	8.08	06	4	“	23
“	“	“ “	“	8.11	06b	1	“	20
2239	49.7	+20 13	9.5	10.68	07	4	4	..
2073	49.7	+ 4 17	9.0	9.11	01	1	9	..
“	“	“ “	“	9.20	02	2	“	..
1806	49.8	+44 38	8.5	7.88	04	1	25	..
2523	49.8	− 8 24	9.1	9.74	00	4	5	*26*
“	“	“ “	“	9.76	01	4	“	*28*
2090	49.9	+ 3 23	9.3	9.93	01	3	R	..
“	“	“ “	“	10.03	01g	2	“	..
“	“	“ “	“	9.62	02	2	“	..
2093	49.9	+ 3 1	8.1	7.86	01	2	25	*10*
“	“	“ “	“	7.97	01g	1	“	*21*
2242	50.0	+19 55	9.5	10.45	02	8	4	..
“	“	“ “	“	10.57	03	4	“	..
..	50.0	+19 54	..	11.06	03	4	4	..
2201	50.0	+ 1 7	9.5	9.46	01	1	9	..
“	“	“ “	“	9.40	02	2	“	..
2060	50.1	+ 6 20	3.0	3.18	04c	3	13	12
“	“	“ “	“	3.27	04d	3	“	03
2082	50.2	+18 3	8.5	8.40	06	6	5	..
“	“	“ “	“	8.39	07	3	17	..
“	“	“ “	“	8.54	07b	1	“	..
2426	50.2	+ 0 14	9.5	11.13	02	2	9	..
..	50.2	− 8 48	..	12.29	00	3	5	..
“	“	“ “	“	12.29	01	2	“	..
2690	50.2	−10 36	7.9	7.46	00	1	1	20
“	“	“ “	“	7.67	01	1	“	*01*
..	50.3	− 8 36	..	11.84	00	3	5	..
“	“	“ “	“	12.01	01	2	“	..
..	50.4	− 8 49	..	12.20	00	3	5	..
“	“	“ “	“	12.02	01	2	“	..
1975	8 50.5	+18 42	9.4	9.78	06	6	5	..
1976	50.6	+17 12	9.3	9.48	06	6	5	..
1977	50.8	+17 20	9.4	10.45	06	6	5	..
2177	51.0	+39 32	9.5	11.90	00	1	25	..
2087	51.1	+17 54	8.0	7.58	06	6	5	..
1978	51.1	+17 47	9.5	9.89	06	6	5	..
2244	51.2	+20 34	8.0	8.35	02	4	4	*12*
“	“	“ “	“	8.58	03	2	“	*35*
2245	51.4	+19 56	9.5	10.08	02	8	4	..
“	“	“ “	“	9.90	03	4	“	..
..	51.4	− 8 46	..	11.38	00	4	5	..
“	“	“ “	“	11.48	01	2	“	..
1979	51.5	+17 32	6.8	6.32	08b	3	12	*03*
“	“	“ “	“	6.31	08c	3	“	*02*
7902	51.5	−23 27	6.7	6.88	08b	3	12	*41*
“	“	“ “	“	6.70	08c	3	“	*23*
2246	51.6	+20 17	9.2	9.58	02	4	4	..
“	“	“ “	“	9.52	03	2	“	..
..	51.6	− 8 44	..	12.10	00	4	5	..
“	“	“ “	“	12.28	01	2	“	..
2532	51.9	− 8 41	8.8	9.38	02	2	25	*14*
“	“	“ “	“	9.38	02g	2	“	*14*
2639	51.9	−16 19	6.2	6.21	08b	3	12	*06*
“	“	“ “	“	6.38	08c	3	“	*23*
2247	52.0	+19 58	9.3	9.83	02	4	4	*18*
“	“	“ “	“	9.80	03	2	“	*15*
“	“	“ “	“	9.69	06	6	1	*04*
1889	52.1	+36 12	6.7	6.32	08b	3	12	14
“	“	“ “	“	6.39	08c	3	“	07
2248	52.2	+19 53	9.1	9.74	06	6	1	06
2131	52.3	+19 40	8.5	8.69	06	6	1	*14*
2084	52.3	+ 4 50	8.7	8.76	01	1	1	*20*
“	“	“ “	“	8.38	01g	1	“	18
“	“	“ “	“	8.62	02	2	“	*06*
“	“	“ “	“	8.42	02g	2	“	14
1707	52.4	+48 26	3.1	3.28	04c	1	13	*16*
“	“	“ “	“	3.21	04d	1	“	*09*
“	“	“ “	“	3.08	05c	2	“	04
“	“	“ “	“	3.19	05d	2	“	*07*
2670	52.6	− 5 18	9.0	9.24	00	2	1	01
“	“	“ “	“	9.20	01	2	“	05
2701	52.7	− 9 42	7.3	7.59	00	1	1	27
“	“	“ “	“	7.70	01	2	“	16
2671	52.8	− 5 14	8.3	8.90	00	2	1	00
“	“	“ “	“	9.06	01	2	“	16
2249	53.0	+20 34	9.1	9.29	02	5	4	..
“	“	“ “	“	9.38	03	2	“	..
1948	53.0	+12 15	4.3	4.40	04b	2	13	*13*
“	“	“ “	“	4.34	04c	3	“	*07*
“	“	“ “	“	4.26	04d	1	“	01

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2108	8 53.4	+ 3 21	9.5	10.47	01	1	9	..	2018	8 57.8	+14 35	8.0	7.85	05	6	11	..
"	"	" "	"	10.51	02	2	"	..	2129	57.8	+ 3 19	9.5	9.80	01	1	9	..
551	53.5	+68 1	5.1	5.14	05c	3	13	*15*	"	"	" "	"	10.06	02	2	"	..
"	"	" "	"	5.12	05d	3	"	*13*	2106	57.9	+ 4 31	9.5	9.92	01	1	9	..
2093	53.5	+18 32	7,0	6.50	08b	3	12	07	"	"	" "	"	10.38	02	2	"	..
"	"	" "	"	6.47	08c	3	"	10	2020	58.0	+14 47	9.3	9.90	05	6	1	*06*
2019	53.5	+13 22	9.0	8.94	05	4	22	..	"	"	" "	"	9.92	07	3	"	*08*
"	"	" "	"	8.99	05b	1	"	..	"	"	" "	"	9.85	07b	3	"	*01*
2116	53.8	+ 2 15	9.5	10.02	01	1	9	..	2678	58.0	−15 15	9.0	9.12	05	3	1	*01*
"	"	" "	"	10.23	02	2	"	..	"	"	" "	"	9.16	05b	3	"	*05*
2435	53.8	+ 0 13	9.5	9.87	01	1	9	..	"	"	" "	"	9.21	07	3	"	*10*
"	"	" "	"	10.12	02	2	"	..	"	"	" "	"	9.06	07b	3	"	05
2089	54.0	+ 4 26	9.4	9.84	01	1	9	..	1683	58.2	+28 18	6.5	6.53	08b	3	12	*19*
"	"	" "	"	10.03	02	2	"	..	"	"	" "	"	6.42	08c	3	"	*08*
1956	54.2	+42 11	4.1	4.09	04b	1	13	00	2731	58.2	−14 54	9.8	10.59	05	6	11	..
"	"	" "	"	3.61	04c	1	"	48	2452	58.3	+ 0 7	9.5	10.56	02	2	9	..
"	"	" "	"	4.06	05c	2	"	03	"	"	" "	"	10.76	03	1	"	..
"	"	" "	"	4.16	05d	2	"	*07*	2732	58.3	−14 28	8.5	8.36	05	6	11	..
1986	54.2	+38 0	6.5	6.09	08b	3	12	45	1479	58.5	+51 25	9.1	9.33	06	6	5	..
"	"	" "	"	6.27	08c	3	"	27	2733	58.5	−14 51	8.3	8.27	05	6	11	..
2214	54.3	+ 1 22	9.5	10.16	01	1	9	..	*2734*	58.5	−15 3	9.1	9.15	05	6	11	..
"	"	" "	"	10.46	02	2	"	..	*1969*	58.6	+14 51	9.0	9.30	05	4	1	*16*
2138	54.6	+19 20	9.4	9.48	02	4	4	..	"	"	" "	"	9.12	05b	2	"	02
"	"	" "	"	9.44	03	2	"	..	"	"	" "	"	9.31	07	3	"	*17*
2027	55.2	+13 10	9.1	9.62	05	5	22	..	"	"	" "	"	9.26	07b	3	"	*12*
"	"	" "	"	9.15	05b	1	"	..	2135	58.6	+ 2 14	9.4	9.70	02	2	9	..
1603	56.2	+50 29	9.2	9.32	06	5	24	..	"	"	" "	"	9.60	03	1	"	..
"	"	" "	"	9.69	06b	3	"	..	339	58.8	+76 1	9.3	9.23	05	2	1	24
2718	56.2	−10 6	8.9	9.56	00	1	1	*05*	1837	58.8	+32 47	6.8	6.35	08b	3	12	07
"	"	" "	"	9.52	01	2	"	*01*	"	"	" "	"	6.48	08c	3	"	*06*
"	"	" "	"	9.73	06	4	"	*22*	2022	58.8	+14 41	9.0	9.20	05	4	1	09
"	"	" "	"	9.82	10	4	"	*31*	"	"	" "	"	9.20	05b	2	"	09
2087	56.3	+ 6 2	6.5	6.03	08b	3	12	28	"	"	" "	"	9.17	07	3	"	12
"	"	" "	"	6.19	08c	3	"	12	"	"	" "	"	9.23	07b	3	"	06
2726	56.4	−15 0	8.4	8.08	05	5	11	..	1970	58.9	+15 16	9.5	11.24	05	7	11	..
2448	56.6	− 0 7	8.8	8.43	01	1	1	35	2736	59.0	−14 49	9.6	10.24	05	6	11	..
"	"	" "	"	8.85	01g	1	"	*07*	1276	59.1	+54 41	9.0	9.30	06	5	1	*04*
"	"	" "	"	9.04	02	1	"	*26*	1971	59.1	+15 16	9.2	9.84	05	6	11	..
"	"	" "	"	8.70	02g	1	"	08	2040	59.2	+23 16	7.0	7.35	04	3	1	*17*
"	"	" "	"	8.46	03	2	"	32	"	"	" "	"	7.20	04b	3	"	*02*
"	"	" "	"	8.88	03g	2	"	*10*	1972	59.2	+15 41	9.3	9.88	05	6	11	..
1633	56.8	+47 33	3.5	3.79	04c	1	13	*11*	1480	59.3	+51 23	9.4	9.38	06	6	5	..
"	"	" "	"	3.64	04d	1	"	04	1481	59.3	+51 34	9.4	9.69	06	6	5	..
"	"	" "	"	3.72	05c	2	"	*04*	2454	59.4	+ 0 27	9.3	9.40	02	1	25	..
"	"	" "	"	3.65	05d	2	"	03	"	"	" "	"	9.66	02g	1	"	..
2729	56.9	−14 47	8.5	7.53	05	1	25	..	1974	59.5	+15 36	9.0	9.47	05	6	11	..
2035	57.6	+23 1	7.3	7.99	04	3	1	09	2732	59.5	−10 16	8.4	8.94	10	4	1	12
"	"	" "	"	8.27	04b	3	"	*19*	2737	59.5	−14 49	9.1	9.30	05	6	11	..
2226	57.6	+ 1 15	9.4	9.80	01	1	9	..	2738	59.5	−14 32	9.1	9.26	05	6	11	..
"	"	" "	"	9.88	02	2	9	..	..	59.5	−15 3	..	11.40	05	6	11	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
..	8	59.5	−15	9	..	11.37	05	6	11	..
7674		59.5	−25	5	9.3	12.18	05	5	4	..
1482		59.6	+51	3	8.5	8.36	06	6	5	..
2025		59.7	+14	39	8.8	8.91	05	4	1	08
“		“	“	“	“	9.07	05b	2	“	*08*
“		“	“	“	“	8.82	07	3	“	17
“		“	“	“	“	8.94	07b	3	“	05
..		59.7	−14	52	..	12.16	05	6	11	..
2685		59.7	−15	32	8.6	8.65	05	5	11	..
“		“	“	“	“	8.64	05b	1	“	..
2455		59.8	− 0	3	9.2	9.58	01	1	1	*10*
“		“	“	“	“	9.39	01g	1	“	09
“		“	“	“	“	9.42	02	2	“	06
“		“	“	“	“	9.36	02g	1	“	12
“		“	“	“	“	9.30	03	2	“	18
“		“	“	“	“	9.80	03g	2	“	*32*
2739		59.8	−14	56	9.7	10.15	05	12	11	..
1361		59.9	+51	53	9.5	9.63	06	6	5	..
1965		59.9	+42	7	8.6	9.10	08	2	19	..
“		“	“	“	“	9.24	08b	2	“	..
..		59.9	+14	54	..	11.28	05	4	11	..
..	9	0.0	+14	50	..	11.80	05	4	11	..
1975		0.1	+15	12	8.9	9.08	05	6	11	..
..		0.1	−14	53	..	11.79	05	6	11	..
2200		0.2	+38	51	4.7	4.62	04b	3	13	09
“		“	“	“	“	4.80	04c	3	“	*09*
7686		0.3	−24	51	9.9	12.41	05	6	4	..
..		0.4	+14	54	..	12.22	05	4	11	..
..		0.5	+14	57	..	12.22	05	4	11	..
2117		0.5	+ 4	24	9.5	10.20	02	2	9	..
“		“	“	“	“	10.53	03	1	“	..
..		0.5	−14	54	..	11.71	05	6	11	..
7688		0.5	−24	47	10	12.14	05	6	4	..
..		0.6	− 8	4	..	12.12	10	4	7	..
..		0.6	−24	32	..	12.47	05	4	4	..
7692		0.6	−24	49	9.6	11.55	05	12	4	..
340		0.7	+76	0	9.4	9.72	05	2	1	*35*
1976		0.7	+14	54	9.0	9.41	05	11	1	03
“		“	“	“	“	9.48	05b	1	“	*04*
“		“	“	“	“	9.48	07	3	“	*04*
“		“	“	“	“	9.43	07b	3	“	01
..		0.8	−24	32	..	12.43	05	5	4	..
1483		0.9	+51	18	9.5	10.04	06	6	5	..
2141		1.0	+ 3	27	9.0	9.04	02	2	9	..
“		“	“	“	“	8.73	03	1	“	..
2143		1.0	+ 2	28	9.0	9.48	02	2	9	..
“		“	“	“	“	9.30	03	1	“	..
..		1.0	− 7	59	..	12.18	10	4	7	..
2716		1.0	− 8	9	8.5	8.49	10	4	7	..
1980		1.1	+14	54	9.5	11.24	05	5	11	..
2028	9	1.1	+14	49	9.3	10.72	05	6	11	..
..		1.1	− 8	3	..	11.96	10	4	7	..
2717		1.2	− 8	9	9.6	10.44	10	4	7	..
2579		1.2	− 8	15	9.1	10.34	10	4	7	..
7700		1.2	−24	47	9.9	12.58	05	8	4	..
2580		1.5	− 8	24	9.0	9.52	10	4	7	..
7703		1.5	−24	21	8.7	10.38	05	5	4	..
577		1.6	+67	32	5.3	4.98	05c	3	13	*11*
“		“	“	“	“	5.03	05d	3	“	*16*
2459		1.6	+ 0	33	9.5	10.12	02	3	9	..
7707		1.6	−24	42	7.9	9.38	05	6	4	..
341		1.7	+76	1	9.1	9.22	05	2	1	05
1484		1.7	+51	42	9.2	9.50	06	6	5	..
2048		1.7	+23	23	6.5	6.42	08b	3	12	*12*
“		“	“	“	“	6.26	08c	3	“	04
..		1.8	+51	33	..	11.70	06	6	5	..
2145		1.8	+ 1	52	6.8	6.31	08b	3	12	10
“		“	“	“	“	6.32	08c	3	“	09
7710		1.8	−24	26	9.0	10.63	05	6	4	..
1365		1.9	+52	0	5.0	4.62	05c	3	13	*08*
“		“	“	“	“	4.50	05d	3	“	04
1485		2.0	+51	12	8.0	8.06	06	6	5	..
1810		2.0	+32	57	6.7	6.41	08b	3	12	*08*
“		“	“	“	“	6.42	08c	3	“	*09*
7713		2.0	−25	0	7.6	8.21	05	6	4	49
2239		2.3	+ 1	19	9.4	9.89	02	2	9	..
“		“	“	“	“	9.63	03	1	“	..
1612		2.5	+49	52	9.0	9.67	06	6	1	*10*
2746		2.5	−10	20	8.0	7.96	10	4	1	25
2703		2.5	−15	16	8.8	8.88	05	3	1	23
“		“	“	“	“	9.05	05b	3	“	06
“		“	“	“	“	8.79	07	3	“	32
“		“	“	“	“	9.09	07b	3	“	02
723		2.7	+63	55	5.0	4.93	05c	3	13	*19*
“		“	“	“	“	4.73	05d	3	“	01
1223		2.7	+59	40	8.2	8.33	08	3	18	*12*
“		“	“	“	“	8.37	08b	3	“	*16*
2051		2.8	+25	16	9.3	9.22	04	6	3	..
1369		2.9	+51	52	8.9	9.24	06	6	5	..
1614		2.9	+50	14	7.7	7.59	06	6	1	03
1370		3.0	+51	50	8.9	8.89	06	6	5	..
2053		3.4	+25	8	9.4	10.31	04	6	3	..
1902		3.5	+26	14	8.5	8.03	04	6	3	..
2749		3.5	−10	4	8.8	9.37	10	4	1	*11*
1486		3.6	+51	27	9.3	9.37	07	8	17	..
2757		3.8	−14	44	7.2	7.24	05	3	1	02
“		“	“	“	“	7.09	05b	3	“	17
“		“	“	“	“	7.34	07	3	“	*08*
“		“	“	“	“	6.91	07b	3	“	35
..		3.9	+25	48	..	11.25	04	6	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2759	9 4.0	−15 6	9.4	9.86	05	4	1	*25*	A	9 8.3	+70 18	7.0	7.11	08b	3	19	03
“	“	“ “	“	9.92	05b	2	“	*31*	2048	8.3	+14 37	8.8	8.68	09	8	24	..
“	“	“ “	“	9.81	07	3	“	*20*	..	8.3	+ 0 46	..	10.97	08	2	8	..
“	“	“ “	“	9.91	07b	3	“	*30*	1284	8.6	+54 44	8.6	9.60	06	5	1	01
..	4.1	+25 42	..	12.55	04	6	3	..	2065	8.6	+25 26	7.0	7.05	04	3	1	*03*
444	4.3	+72 4	6.3	6.44	08b	3	12	02	“	“	“ “	“	6.93	04b	3	“	09
“	“	“ “	“	6.61	08c	3	“	*15*	..	8.6	+ 0 41	..	10.66	08	2	8	..
..	4.4	+25 45	..	10.90	04	6	3	..	1285	9.0	+54 26	5.7	5.03	04b	1	13	*14*
1979	4.4	+11 58	7.0	6.32	08b	4	12	14	“	“	“ “	“	4.67	04c	1	“	22
“	“	“ “	“	6.44	08c	4	“	02	“	“	“ “	“	4.92	05c	2	“	*03*
1874	4.6	+29 29	8.0	8.32	08	3	19	..	“	“	“ “	“	5.04	05d	2	“	*15*
“	“	“ “	“	8.16	08b	3	“	..	2147	9.0	+ 4 8	9.5	10.70	02	2	9	..
2714	4.7	−15 12	8.9	9.09	05	3	1	12	“	“	“ “	“	10.94	02g	1	“	..
“	“	“ “	“	9.19	05b	3	“	02	..	9.0	+ 0 40	..	9.79	08	2	8	..
“	“	“ “	“	9.16	07	3	“	05	2483	9.0	+ 0 19	9.3	9.50	02	2	9	..
“	“	“ “	“	9.32	07b	3	“	*11*	“	“	“ “	“	9.60	02g	1	“	..
2150	4.9	+ 2 37	9.5	10.84	02	2	9	..	..	9.0	+ 0 15	..	11.76	01	2	9	..
“	“	“ “	“	11.00	03	1	“	..	2175	9.1	+ 3 30	9.5	10.54	01	1	9	..
..	5.0	+ 0 47	..	11.66	08	2	8	..	“	“	“ “	“	10.56	02	2	“	..
2470	5.1	+ 0 45	9.2	9.99	08	2	8	..	2166	9.1	+ 2 3	9.3	9.98	01	1	9	..
1908	5.4	+25 56	9.1	9.39	04	6	3	..	“	“	“ “	“	9.90	02	2	“	..
2056	5.5	+25 49	8.5	7.84	04	6	3	..	..	9.1	+ 0 46	..	11.23	08	2	8	..
2132	5.5	+ 4 26	9.2	9.52	02	3	9	..	2485	9.1	+ 0 44	8.8	8.94	08	2	8	00
2473	5.5	+ 0 26	9.4	10.26	01	1	9	..	2148	9.2	+ 4 7	9.5	10.87	01	1	25	..
“	“	“ “	“	9.82	02	2	“	..	2167	9.2	+ 2 44	4.3	3.94	01i	1	1	*10*
2057	5.8	+25 48	9.0	8.59	04	8	3	..	“	“	“ “	“	3.96	02i	2	“	*12*
2512	5.9	−22 46	6.3	6.82	08b	3	12	*33*	“	“	“ “	“	3.94	04c	3	13	*10*
“	“	“ “	“	6.90	08c	3	“	*41*	“	“	“ “	“	3.92	04d	3	“	*08*
2160	6.1	+ 3 30	9.4	9.73	01	1	9	..	2063	9.4	+23 47	7.5	8.00	04	3	1	*13*
“	“	“ “	“	9.60	02	2	“	..	“	“	“ “	“	7.95	04b	3	“	*08*
1999	6.3	+14 53	9.1	9.32	08	3	1	*03*	2823	9.4	− 2 30	9.1	9.62	10	4	23	..
“	“	“ “	“	9.28	08b	3	“	01	2488	9.5	+ 0 46	9.5	10.28	08	2	8	..
2477	6.3	+ 0 42	7.4	7.11	08	1	8	*15*	2180	9.6	+40 49	8.5	9.22	08	3	19	..
2761	6.3	−10 10	9.0	9.61	10	4	1	05	“	“	“ “	“	9.07	08b	3	“	..
1623	6.5	+49 53	9.1	9.00	06	6	1	67	2054	9.7	+14 35	9.2	9.73	07	3	17	..
2252	6.6	+ 1 29	9.3	10.20	01	1	9	..	“	“	“ “	“	9.88	07b	1	“	..
“	“	“ “	“	10.06	02	2	“	..	2150	9.7	+ 4 37	8.1	8.02	01	1	1	*02*
2120	6.7	+ 5 53	7.0	6.38	08b	4	12	*17*	“	“	“ “	“	7.75	01g	1	“	25
“	“	“ “	“	6.22	08c	4	“	*01*	“	“	“ “	“	7.93	02	2	“	07
2139	7.0	+ 4 17	7.2	6.14	08b	3	12	*03*	“	“	“ “	“	7.84	02g	2	“	16
“	“	“ “	“	6.02	08c	3	“	09	2489	9.8	+ 0 41	9.5	11.40	08	2	8	..
2254	7.2	+ 0 50	9.2	9.65	08	2	8	..	2262	10.2	+ 1 11	9.5	11.11	01	1	9	..
2054	7.7	+24 42	7.5	7.58	04	3	1	23	“	“	“ “	“	11.17	02	2	“	..
“	“	“ “	“	7.62	04b	3	“	19	2057	10.6	+14 33	8.3	8.53	08	3	18	..
2046	7.7	+14 27	9.5	10.64	09	4	25	..	“	“	“ “	“	8.28	08b	3	“	..
2480	7.7	+ 0 45	8.8	9.21	08	2	8	*12*	*2052*	11.8	+16 58	8.7	8.59	05	2	22	..
..	7.8	+ 0 42	..	11.18	08	2	8	..	“	“	“ “	“	8.97	05b	2	“	..
1991	7.9	+21 42	6.5	6.28	08b	3	12	*19*	1883	12.0	+29 0	7.0	7.30	08	3	19	*04*
“	“	“ “	“	6.29	08c	3	“	*20*	“	“	“ “	“	7.20	08b	3	“	06
557	8.3	+70 18	7.0	7.14	08	3	19	00	*2270*	12.2	+ 0 51	9.0	8.66	08	2	8	48

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2491	9 12.2	+ 0 42	9.5	10.38	08	2	8	..	A	9 17.3	+ 0 15	9.3	9.58	02	2	9	..
2802	12.3	−15 5	8.2	8.27	08	3	18	*21*	1860	17.4	+44 46	9.4	10.35	05	6	11	..
“	“	“ “	“	8.34	08b	3	“	*28*	2176	17.6	+ 4 18	9.5	10.90	01	1	9	..
1936	12.5	+16 45	9.4	9.50	05	3	22	..	“	“	“ “	“	10.87	02	3	“	..
“	“	“ “	“	9.66	05b	3	“	..	*1715*	17.7	+44 53	8.8	9.26	05	3	1	01
2009	12.5	+11 55	7.0	6.16	08b	3	12	13	“	“	“ “	“	9.21	05b	3	“	06
“	“	“ “	“	6.21	08c	3	“	08	“	“	“ “	“	9.01	07	3	“	26
1965	12.6	+37 14	4.2	3.62	04c	3	13	20	“	“	“ “	“	9.26	07b	3	“	01
“	“	“ “	“	3.80	04d	3	“	02	*2837*	17.9	−15 7	9.1	9.02	05	6	1	09
2587	12.7	− 5 9	8.7	8.60	10	4	1	00	1389	18.1	+52 1	6.7	6.19	08b	3	12	18
2055	12.9	+17 0	9.5	10.36	05	6	22	..	“	“	“ “	“	6.31	08c	3	“	06
2273	13.1	+ 1 24	9.5	10.86	01	1	9	..	1745	18.1	+28 21	8.0	8.07	08	3	19	..
“	“	“ “	“	10.69	02	2	“	..	“	“	“ “	“	8.02	08b	3	“	..
2494	13.2	+ 0 18	9.5	10.72	01	1	9	..	2292	18.1	+ 1 20	9.3	9.76	01	1	9	..
“	“	“ “	“	10.40	02	2	“	..	“	“	“ “	“	9.42	02	2	“	..
2161	13.3	+ 4 27	9.5	10.25	01	1	9	..	1978	18.2	+37 2	7.0	6.31	08b	3	12	14
“	“	“ “	“	10.32	02	2	“	..	“	“	“ “	“	6.41	08c	3	“	04
2187	13.4	+ 3 33	9.5	10.33	01	1	9	..	*2840*	18.2	−15 4	8.5	8.04	05	6	1	07
“	“	“ “	“	10.40	02	2	“	..	*2089*	18.5	+24 53	7.3	8.16	09	3	1	00
2177	13.6	+ 2 27	9.5	10.26	01	1	9	..	*2038*	18.5	+14 55	9.2	9.48	05	6	1	*12*
“	“	“ “	“	10.19	02	2	“	..	2194	18.5	+ 2 25	9.3	10.12	01	1	9	..
1827	13.7	+49 45	8.9	9.52	06r	6	1	10	“	“	“ “	“	10.04	02	2	“	..
1495	13.8	+51 42	6.5	5.99	08b	3	12	13	*354*	18.8	+75 51	9.4	9.47	05	2	1	05
“	“	“ “	“	5.90	08c	3	“	22	1717	18.8	+45 3	7.8	7.78	05	3	1	04
2840	13.8	− 2 43	8.8	9.16	10	4	23	..	“	“	“ “	“	7.97	05b	3	“	*15*
2495	13.9	+ 0 47	8.8	9.43	08	1	8	*29*	“	“	“ “	“	7.79	07	3	“	03
7938	14.4	−24 46	9.4	11.76	05	1	25	..	“	“	“ “	“	7.87	07b	3	“	*05*
7943	14.6	−24 50	9.4	11.46	05	1	25	..	1861	18.8	+44 27	7.8	8.08	05	3	1	*06*
2025	14.7	+38 37	6.7	5.95	08b	3	12	*09*	“	“	“ “	“	8.01	05b	3	“	01
“	“	“ “	“	5.92	08c	3	“	*06*	“	“	“ “	“	8.04	07	3	“	*02*
2165	14.7	+ 4 43	8.5	8.32	01	1	1	08	“	“	“ “	“	7.91	07b	3	“	11
“	“	“ “	“	8.29	01g	1	“	11	1939	18.8	+26 37	4.2	4.59	04b	3	13	02
“	“	“ “	“	8.64	02	2	“	*24*	“	“	“ “	“	4.51	04c	3	“	10
“	“	“ “	“	8.44	02g	2	“	*04*	2198	19.1	+ 3 41	9.5	10.38	01	1	9	..
2190	14.8	+ 3 47	9.5	10.62	07	4	17	..	“	“	“ “	“	10.28	02	2	“	..
1979	15.0	+34 49	3.1	3.19	04c	3	13	11	..	19.2	+44 58	..	11.83	05	6	11	..
“	“	“ “	“	3.26	04d	3	“	04	1862	19.2	+44 24	9.3	11.39	05	6	11	..
2609	15.0	−11 33	5.5	4.71	03b	3	13	23	..	19.4	+44 50	..	12.19	05	6	11	..
“	“	“ “	“	4.89	03c	3	“	05	..	19.5	+44 44	..	13.03	05	9	11	..
1848	15.4	+33 21	6.8	6.01	08b	3	12	21	2090	19.5	+14 45	9.2	9.34	05	6	1	25
“	“	“ “	“	6.09	08c	3	“	13	*2509*	19.5	− 0 3	9.0	9.49	01	1	1	*11*
2643	15.6	− 9 8	5.0	4.80	03b	3	13	17	“	“	“ “	“	9.30	01g	1	“	08
“	“	“ “	“	5.06	03c	3	“	*09*	“	“	“ “	“	9.38	02	2	“	00
..	15.7	+ 3 12	..	10.77	07	4	17	..	“	“	“ “	“	9.26	02g	2	“	12
2065	15.9	+17 2	6.8	7.00	05	3	22	*21*	*2094*	19.6	+24 57	9.0	9.84	09	3	1	27
“	“	“ “	“	6.71	05b	3	“	08	1719	19.8	+45 1	8.5	8.85	05	11	11	..
2197	16.2	+40 40	7.5	7.80	08	3	19	*09*	“	“	“ “	“	8.64	05b	1	“	..
“	“	“ “	“	7.74	08b	3	“	*03*	“	“	“ “	“	8.72	07	3	“	..
1713	17.2	+45 7	9.0	9.08	05	6	11	..	“	“	“ “	“	9.12	07b	3	“	..
2505	17.3	+ 0 15	9.3	9.77	01	1	9	..	..	19.9	+45 13	..	12.65	05	6	11	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2078	9 20.0	+17 1	6.3	6.14	08b	3	12	13	1873	9 24.6	+30 0	8.6	9.13	08	3	18	..
"	"	" "	"	6.53	08c	3	"	*26*	"	"	" "	"	9.17	08b	3	"	..
..	20.3	+45 8	..	11.86	05	6	11	..	2693	24.6	− 3 48	6.5	6.51	08b	3	12	*10*
1641	20.6	+49 53	9.1	9.36	06	6	1	06	"	"	" "	"	6.49	08c	3	"	*08*
1720	20.6	+45 14	9.0	10.00	05	6	11	..	1872	24.9	+44 37	9.4	9.66	04	1	25	..
2514	20.6	+ 0 14	9.5	10.97	01	1	9	..	1908	25.3	+29 43	8.8	8.96	03	3	1	13
"	"	" "	"	10.82	02	2	"	..	"	"	" "	"	9.11	03g	3	"	*02*
1721	20.9	+44 59	9.5	10.93	05	6	11	..	"	"	" "	"	8.94	08	3	"	15
1722	21.0	+45 12	9.5	10.14	05	6	11	..	"	"	" "	"	9.19	08b	3	"	*10*
2205	21.4	+ 3 23	9.5	10.32	01	1	9	..	2623	25.3	−22 54	6.5	6.57	08b	3	12	*07*
"	"	" "	"	10.04	02	2	"	..	"	"	" "	"	6.79	08c	3	"	*29*
309	21.6	+78 39	9.2	9.78	05	6	4	..	*2865*	25.5	−15 11	8.6	7.77	05	8	1	24
1305	21.6	+54 39	9.0	9.22	06	5	1	29	565	25.6	+70 16	5.2	4.52	05b	1	13	05
2051	21.7	+14 58	9.3	9.58	05	6	1	*14*	"	"	" "	"	4.59	05c	3	"	*02*
2303	21.9	+ 1 35	9.5	10.24	01	1	9	..	"	"	" "	"	4.63	05d	2	"	*06*
"	"	" "	"	10.26	02	2	"	..	2198	25.6	+ 4 30	9.5	10.24	01	1	9	..
2203	22.0	+ 2 36	9.3	9.59	01	1	9	..	"	"	" "	"	10.21	02	2	"	..
"	"	" "	"	9.67	02	2	"	..	*2111*	25.8	+24 52	8.6	8.78	09	3	1	*02*
310	22.2	+78 8	8.2	8.05	05	6	4	..	2317	25.9	+ 1 23	9.5	10.93	01	1	9	..
2212	22.3	+40 25	7.9	9.02	08	3	19	..	"	"	" "	"	10.70	02	2	"	..
"	"	" "	"	8.89	08b	3	"	..	2107	26.1	+23 25	4.5	4.31	04b	3	13	17
2678	22.3	− 8 47	6.8	6.59	08b	3	12	*14*	"	"	" "	"	4.62	04c	3	"	*14*
"	"	" "	"	6.46	08c	3	"	*01*	1401	26.2	+52 8	3.0	2.97	04c	2	13	29
2191	22.6	+ 4 43	9.5	11.07	01	1	9	..	"	"	" "	"	3.28	04d	2	"	*02*
"	"	" "	"	10.82	02	2	"	..	"	"	" "	"	3.10	05c	1	"	16
1388	22.7	+56 11	6.6	6.46	08b	3	12	00	"	"	" "	"	3.32	05d	1	"	*06*
"	"	" "	"	6.46	08c	3	"	00	2222	26.3	+ 3 39	9.3	10.00	01	1	9	..
2680	22.7	− 8 14	2.0	2.11	03c	3	13	05	"	"	" "	"	9.96	02	2	"	..
"	"	" "	"	2.26	03d	2	"	*10*	312	26.4	+78 41	8.7	8.70	05	6	4	..
2802	22.7	−21 54	4.7	4.93	03b	3	13	01	..	26.5	+78 33	..	12.21	05	6	4	..
"	"	" "	"	5.05	03c	3	"	*11*	..	26.5	+78 26	..	10.65	05	6	4	..
302	22.9	+81 46	4.3	4.36	05b	1	13	22	*1657*	26.5	+49 53	6.8	6.57	08b	3	12	*07*
"	"	" "	"	4.59	05c	3	"	*01*	"	"	" "	"	6.74	08c	3	"	*24*
"	"	" "	"	4.50	05d	2	"	08	2216	26.9	+ 2 3	9.5	10.44	01	1	9	..
845	23.7	+63 30	3.5	3.65	05c	3	13	10	"	"	" "	"	10.43	02	2	"	..
"	"	" "	"	3.70	05d	3	"	05	2211	26.9	− 0 44	4.8	4.66	03b	3	13	*16*
1726	24.1	+45 12	7.2	7.33	05	3	1	*21*	"	"	" "	"	4.53	03c	3	"	*03*
"	"	" "	"	7.08	05b	3	"	04	..	27.1	+78 30	..	10.54	05	6	4	..
"	"	" "	"	7.40	07	3	"	*28*	313	27.1	+78 21	9.5	9.74	05	16	4	..
"	"	" "	"	7.03	07b	3	"	09	2826	27.2	− 5 20	9.1	9.22	08	4	1	08
2901	24.1	− 2 19	5.0	4.69	03b	3	13	09	*1913*	27.4	+28 49	7.0	6.35	08b	3	12	00
"	"	" "	"	4.70	03c	3	"	08	"	"	" "	"	6.26	08c	3	"	09
1728	24.4	+45 7	7.5	7.49	05	3	1	23	2204	27.7	+ 4 42	9.0	9.59	01	2	1	*24*
"	"	" "	"	7.68	05b	3	"	04	"	"	" "	"	9.52	01g	2	"	*17*
"	"	" "	"	7.71	07	3	"	01	"	"	" "	"	9.40	02	3	"	*05*
"	"	" "	"	7.88	07b	3	"	*16*	"	"	" "	"	9.38	02g	3	"	*03*
2268	24.4	− 1 46	6.7	6.10	08b	3	12	*06*	1683	27.8	+47 20	6.8	6.57	08b	3	12	*14*
"	"	" "	"	6.15	08c	3	"	*11*	"	"	" "	"	6.52	08c	3	"	*09*
2524	24.5	+ 0 34	9.3	9.62	01	1	9	..	1402	28.0	+52 30	5.0	4.66	04b	2	13	*01*
"	"	" "	"	9.54	02	2	"	..	"	"	" "	"	4.55	04c	2	13	10

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	9 28.0	+52 30	5.0	4.68	05c	1	13	*03*
“	“	“ “	“	4.33	05d	1	“	32
2004	28.1	+36 51	4.8	4.60	04b	3	13	02
“	“	“ “	“	4.55	04c	3	“	07
2836	28.1	− 8 4	7.0	6.24	08b	3	12	06
“	“	“ “	“	6.77	08c	3	“	*47*
2939	28.3	− 6 45	6.8	6.70	08b	3	12	*31*
“	“	“ “	“	6.73	08c	3	“	*34*
470	28.4	+73 32	6.5	6.41	08b	3	12	02
“	“	“ “	“	6.42	08c	3	“	01
2323	28.7	+ 0 53	9.5	10.41	01	1	9	..
“	“	“ “	“	10.40	02	1	“	..
2224	28.8	+40 4	4.7	4.92	04b	3	13	07
“	“	“ “	“	5.10	04c	3	“	*11*
2324	29.0	+ 1 10	9.3	9.57	01	1	9	..
“	“	“ “	“	9.66	02	2	“	..
1878	29.1	+29 54	9.5	10.66	03	1	25	..
“	“	“ “	“	11.45	03g	1	“	..
..	29.2	+78 32	..	11.95	05	6	4	..
2325	29.2	+ 0 50	9.0	10.06	08	2	8	*02*
1771	29.3	+28 22	8.2	8.11	03	3	22	..
“	“	“ “	“	8.31	03g	3	“	..
2662	29.3	− 5 10	9.0	9.03	08	4	1	07
1975	29.4	+26 42	9.4	9.87	09	4	7	..
2531	29.5	− 0 3	8.3	8.70	01	2	1	*22*
“	“	“ “	“	8.52	01g	2	“	*04*
“	“	“ “	“	8.64	02	2	“	*16*
“	“	“ “	“	8.50	02g	2	“	*02*
1314	29.6	+54 34	7.5	8.00	06	5	1	*19*
2211	29.6	+ 4 28	9.5	9.86	01	2	9	..
“	“	“ “	“	10.02	02	2	“	..
“	“	“ “	“	10.08	02g	1	“	..
1977	29.7	+26 47	9.0	9.33	09	4	7	..
2888	29.8	−14 36	9.0	9.03	05	7	4	..
2212	29.9	+ 4 29	8.5	8.15	01	1	25	..
1879	30.0	+29 53	8.6	8.78	03	3	1	03
“	“	“ “	“	8.99	03g	3	“	*18*
2890	30.4	−14 21	10	11.11	05	8	4	..
1315	30.5	+54 44	8.8	8.95	06	5	1	*05*
..	30.6	+78 34	..	11.96	05	6	4	..
1980	30.6	+26 40	9.5	10.57	09	4	7	..
2234	30.6	+ 3 42	9.5	10.48	01	2	9	..
“	“	“ “	“	10.56	02	1	“	..
2223	30.7	+ 2 7	9.3	9.58	01	2	9	..
“	“	“ “	“	9.72	02	1	“	..
..	30.8	+26 40	..	11.79	09	4	7	..
2894	30.8	−14 21	9.2	9.92	05	24	4	..
1883	30.9	+29 56	8.9	9.10	03	2	1	23
“	“	“ “	“	9.52	03g	2	“	*19*
2728	31.0	−19 8	6.7	6.72	08b	3	12	*47*
	h. m.	° ′						
A	9 31.0	−19 8	6.7	6.72	08c	3	12	*47*
315	31.2	+78 0	8.2	8.41	05	6	4	..
602	31.2	+67 43	6.5	5.85	08b	3	12	43
“	“	“ “	“	6.08	08c	3	“	20
2895	31.3	−14 37	8.6	8.69	05	6	4	..
..	31.4	−14 7	..	11.82	05	8	4	..
2897	31.4	−14 21	8.5	8.84	05	6	4	..
..	31.5	−14 10	..	11.44	05	9	4	..
1982	31.6	+26 34	9.5	10.32	09	4	7	..
2898	31.7	−14 18	10	11.12	05	8	4	..
2126	31.8	+24 51	9.0	9.14	09	3	1	*13*
..	31.8	−14 24	..	11.22	05	8	4	..
..	32.1	+ 0 42	..	12.20	08	2	8	..
316	32.4	+78 32	9.4	9.89	05	6	4	..
2904	32.5	−14 24	8.0	7.63	05	6	4	..
1785	32.6	+28 28	7.8	7.73	03	3	22	..
“	“	“ “	“	7.90	03g	3	“	..
..	31.2	+78 41	..	11.27	05	6	4	..
2537	32.8	+ 0 40	9.3	10.44	08	2	8	..
1986	33.2	+26 43	9.1	9.62	09	4	7	..
2130	33.2	+24 48	8.9	9.45	09	3	1	*39*
2207	33.2	+ 5 6	5.0	4.71	03b	1	13	07
“	“	“ “	“	4.65	03c	1	“	13
“	“	“ “	“	4.81	04b	3	“	*03*
“	“	“ “	“	5.09	04c	3	“	*31*
2538	33.4	+ 0 46	9.3	10.29	08	2	8	..
2244	33.7	+ 3 8	9.5	10.86	01	1	9	..
“	“	“ “	“	10.94	02	2	“	..
2335	33.7	+ 1 23	9.3	9.48	01	1	9	..
“	“	“ “	“	9.88	02	2	“	..
2907	33.7	−15 11	9.0	9.08	05	9	1	*02*
2231	33.8	+ 2 38	9.5	10.72	01	1	9	..
“	“	“ “	“	10.82	02	2	“	..
317	34.2	+78 36	6.8	6.25	08b	3	12	16
“	“	“ “	“	6.49	08c	3	“	*08*
2539	34.3	+ 0 15	9.3	9.71	01	1	9	..
“	“	“ “	“	9.86	02	2	“	..
2858	34.3	− 5 16	8.5	8.60	08	4	1	05
2224	34.4	+ 4 25	9.3	8.84	01	1	9	..
“	“	“ “	“	9.16	02	2	“	..
..	34.4	+ 0 46	..	11.10	08	2	8	..
2227	34.5	+ 4 44	8.4	7.90	01	3	1	16
“	“	“ “	“	7.84	01g	3	“	22
“	“	“ “	“	7.92	02	1	“	14
“	“	“ “	“	8.00	02g	1	“	06
..	34.7	+ 0 47	..	12.06	08	2	8	..
2231	34.7	− 0 41	4.0	4.18	03b	3	13	*08*
“	“	“ “	“	4.02	03c	3	“	08
1990	34.8	+26 28	7.8	8.15	04	3	22	..
“	“	“ “	“	8.25	04b	3	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2541	9 34.8	− 0 10	9.0	9.22	01	2	1	*09*	..	9 37.6	+ 0 49	..	12.34	08	2	8	..
“	“	“ “	“	9.33	01g	2	“	*20*	..	37.6	− 7 34	..	13.18	08	4	3	..
“	“	“ “	“	9.22	02	1	“	*09*	8641	37.6	−23 15	8.3	8.21	05	6	4	..
“	“	“ “	“	9.05	02g	1	“	08	2022	37.7	+34 34	7.2	7.35	02	6	5	*01*
2036	34.9	+34 49	8.4	9.16	01	2	1	01	“	“	“ “	“	7.45	02g	1	“	*11*
“	“	“ “	“	9.19	02	1	“	*02*	2872	37.7	− 7 40	9.6	10.66	08	4	3	..
“	“	“ “	“	9.23	10	4	“	*06*	*2248*	37.8	+39 53	8.7	9.58	01	2	1	*21*
1930	35.1	+29 46	9.4	9.72	01	2	25	..	“	“	“ “	“	9.44	02	2	“	*07*
“	“	“ “	“	10.05	01g	2	“	..	8647	37.8	−23 58	8.7	9.83	05	6	4	..
1398	35.4	+56 38	9.0	8.96	03	6	5	..	320	38.0	+78 31	9.5	9.88	05	6	4	..
“	“	“ “	“	9.26	03b	2	“	..	..	38.1	+ 0 48	..	12.50	08	2	8	..
“	“	“ “	“	8.75	06	6	“	..	2046	38.2	+35 10	7.7	7.88	02	6	4	06
2917	35.5	−13 53	5.8	4.93	03b	3	13	03	2136	38.3	+14 29	6.0	5.71	08b	1	19	*09*
“	“	“ “	“	5.02	03c	3	“	*06*	“	“	“ “	“	5.70	08c	1	“	*08*
2915	35.6	−15 6	9.2	9.54	05	9	1	*23*	2232	38.3	+ 4 47	9.5	10.15	01	2	9	..
1399	35.7	+56 8	8.5	8.76	06	5	5	..	“	“	“ “	“	10.25	02	1	“	..
2039	35.8	+35 1	7.5	8.48	01	2	5	*31*	..	38.4	+34 47	..	12.54	01	4	5	..
“	“	“ “	“	8.67	02	1	“	*50*	“	“	“ “	“	12.99	02r	1	“	..
“	“	“ “	“	8.29	10	4	1	*12*	*1757*	38.5	+44 53	8.0	8.37	08	3	18	00
2044	35.8	+10 21	3.7	3.82	04c	3	13	*06*	“	“	“ “	“	8.43	08b	3	“	*06*
“	“	“ “	“	3.84	04d	3	“	*08*	..	38.8	+34 50	..	13.30	01	4	5	..
2272	35.9	+39 42	8.3	8.86	01	2	1	*14*	“	“	“ “	“	13.44	02	2	“	..
“	“	“ “	“	8.79	02	1	“	*07*	2547	38.9	+ 0 2	9.0	8.98	01	2	9	..
1991	35.9	+26 22	6.5	6.25	08b	3	12	18	“	“	“ “	“	9.06	02	1	“	..
“	“	“ “	“	6.35	08c	3	“	08	1402	39.1	+56 14	9.0	8.92	06	6	5	..
..	36.0	+56 29	..	11.36	06	6	5	..	2354	39.2	+ 1 32	8.9	8.54	01	2	9	..
8616	36.2	−23 45	9.5	11.15	05	5	4	..	“	“	“ “	“	8.72	02	1	“	..
2019	36.3	+34 46	8.1	8.34	10	4	1	03	..	39.4	+34 52	..	11.53	02	6	5	..
2041	36.5	+35 27	8.0	8.49	02	6	5	*49*	8672	39.4	−23 39	9.2	10.13	05	6	4	..
1993	36.6	+26 4	7.7	7.59	04	3	22	..	2049	39.5	+35 24	8.9	9.24	07	4	5	..
“	“	“ “	“	7.44	04b	3	“	..	..	39.6	+35 9	..	10.90	07	4	5	..
2684	36.7	−23 8	5.0	4.89	03b	3	13	*15*	2028	39.6	+34 30	9.5	10.81	02	6	5	..
“	“	“ “	“	5.00	03c	3	“	*26*	2094	39.6	+11 16	8.7	8.80	03	6	5	10
2043	36.8	+34 50	8.2	8.76	01	2	1	04	8679	39.8	−23 38	10	12.79	05	5	4	..
“	“	“ “	“	8.75	02	1	“	05	..	39.9	+35 1	..	11.04	02	6	5	..
“	“	“ “	“	8.82	10	4	“	*02*	..	39.9	+34 52	..	13.13	01	4	5	..
..	36.9	− 7 35	..	11.42	08	4	3	..	“	“	“ “	“	12.82	02	2	“	..
..	37.0	− 7 30	..	12.20	08	4	3	..	2888	39.9	− 5 16	9.1	9.54	08	4	1	*19*
..	37.1	+56 23	..	11.66	06	6	5	..	1403	40.0	+56 8	9.5	10.68	06	6	5	..
2258	37.1	+ 3 25	9.3	9.86	01	2	9	..	..	40.0	+34 42	..	12.94	01	4	5	..
“	“	“ “	“	10.06	02	1	“	..	“	“	“ “	“	13.03	02	2	“	..
..	37.2	+56 29	..	10.86	06	6	5	..	8684	40.0	−23 36	9.7	12.22	05	2	4	..
2867	37.2	− 7 18	8.2	8.58	08	4	3	..	2049	40.1	+10 41	7.6	6.67	07	3	5	..
2240	37.3	+ 2 36	9.3	9.74	01	2	9	..	“	“	“ “	“	6.77	07b	1	“	..
“	“	“ “	“	9.76	02	1	“	..	2706	40.1	−22 54	7.7	7.45	04	4	1	07
..	37.3	− 7 22	..	10.64	08	4	3	..	“	“	“ “	“	7.48	04b	4	“	04
2868	37.4	− 7 34	9.1	9.54	08	4	3	..	*2707*	40.1	−23 7	7.8	7.86	04	4	1	*04*
2869	37.4	− 7 26	9.0	9.33	08	4	3	..	“	“	“ “	“	7.90	04b	4	“	*08*
2871	37.5	− 7 37	9.1	9.42	08	4	3	*09*	1404	40.2	+56 15	9.5	10.70	06	6	5	..
8639	37.5	−23 49	8.5	8.38	05	6	4	..	..	9 40.2	+35 2	..	12.30	01	4	5	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	9 40.2	+35 2	..	12.28	02	2	5	..	A	9 42.4	+ 2 33	9.5	9.95	02	1	9	..
2129	40.2	+24 14	3.2	3.33	04c	3	13	*21*	2559	42.4	+ 0 43	9.0	9.70	08	2	8	*31*
“	“	“ “	“	3.16	04d	3	“	*04*	1948	42.5	+29 0	7.6	7.67	05	3	22	..
8686	40.2	−23 38	9.8	12.38	05	6	4	..	“	“	“ “	“	7.36	05g	3	“	..
1405	40.3	+56 17	9.3	9.82	06	6	5	..	637	42.6	+66 4	6.7	6.27	08b	3	12	02
2088	40.3	+12 28	9.4	10.54	03	6	5	..	“	“	“ “	“	6.11	08c	3	“	18
580	40.4	+70 3	9.5	9.79	08	1	25	..	2247	42.7	+ 4 41	9.0	8.82	01	2	1	08
“	“	“ “	“	9.90	08b	1	“	..	“	“	“ “	“	8.94	01g	2	“	*04*
1406	40.5	+56 30	9.5	9.72	06	6	5	..	“	“	“ “	“	8.81	02	2	“	09
8689	40.5	−23 48	9.5	11.93	05	6	4	..	“	“	“ “	“	8.75	02g	2	“	15
1264	40.6	+59 47	8.3	8.24	06	2	1	17	2097	42.8	+12 14	9.5	9.64	03	12	5	..
8691	40.7	−23 38	8.8	9.80	05	16	4	..	2098	42.9	+12 27	9.5	10.73	03	12	5	..
8694	40.7	−23 53	9.7	11.92	05	6	4	..	2105	43.0	+11 47	9.3	9.88	03	6	5	*34*
1905	40.8	+33 44	9.5	11.09	10	4	7	..	2151	43.4	+14 16	8.2	8.30	08	3	19	..
2243	40.9	+ 4 27	9.0	9.42	01	2	9	..	“	“	“ “	“	8.34	08b	3	“	..
“	“	“ “	“	9.30	02	1	“	..	2235	43.4	+ 5 5	9.5	10.44	08	4	22	..
2053	41.0	+35 7	9.5	10.60	07	4	5	..	2099	43.6	+12 35	8.5	8.26	03	6	5	*04*
2054	41.0	+34 50	9.0	9.14	01	10	1	07	..	43.7	+ 0 45	..	12.22	08	2	8	..
“	“	“ “	“	9.09	02	5	“	12	*2562*	43.8	− 0 7	9.0	9.46	01	2	1	*03*
“	“	“ “	“	9.14	10	4	“	07	“	“	“ “	“	9.36	01g	2	“	07
8701	41.0	−23 42	9.5	11.06	05	6	4	..	“	“	“ “	“	9.39	02	2	“	04
2056	41.1	+35 22	9.0	9.94	02	6	5	*11*	“	“	“ “	“	9.34	02g	2	“	09
2555	41.1	+ 0 22	9.4	10.19	01	2	9	..	1268	43.9	+59 31	4.0	3.61	04c	3	13	28
“	“	“ “	“	10.53	02	1	“	..	“	“	“ “	“	3.88	04d	2	“	01
..	41.4	+ 0 47	..	11.06	08	2	8	..	2304	44.0	− 1 43	9.5	9.95	05	6	25	..
8706	41.4	−23 58	9.3	10.91	05	6	4	..	2725	44.0	−22 12	8.1	8.03	04	4	1	03
..	41.6	+33 44	..	12.27	10	4	7	..	“	“	“ “	“	7.99	04b	4	“	07
2092	41.6	+12 48	9.1	9.12	03	6	5	..	*8477*	44.0	−25 5	8.0	8.68	05	2	1	22
..	41.7	+33 46	..	11.63	10	4	7	..	2261	44.1	+40 6	7.0	6.76	01	1	1	00
..	41.7	+33 42	..	11.23	10	4	7	..	“	“	“ “	“	6.64	01g	1	“	12
2358	41.7	+ 1 26	9.5	10.57	01	2	9	..	“	“	“ “	“	6.83	02	1	“	*07*
“	“	“ “	“	10.60	02	1	“	..	2101	44.2	+12 35	9.0	8.70	03	6	5	25
2904	41.7	−22 11	7.8	7.32	04	4	1	09	..	44.3	+ 0 45	..	11.95	08	2	8	..
“	“	“ “	“	7.24	04b	4	“	17	1814	44.4	+27 17	8.7	9.12	09	4	7	..
2057	41.8	+35 5	9.5	10.10	07	4	5	..	2108	44.5	+11 34	7.8	7.84	03	6	5	*36*
..	41.8	+33 47	..	12.46	10	4	7	..	2251	44.5	+ 4 34	9.0	8.78	09	4	1	17
2093	41.8	+11 54	9.4	9.13	03	6	5	*09*	2728	44.5	−22 55	9.0	9.86	04r	7	3	..
8713	41.8	−23 12	9.1	10.04	05	6	4	..	2730	44.7	−22 55	9.0	9.14	04r	7	3	..
1686	41.9	+49 50	9.2	9.40	00	1	25	..	2104	44.8	+12 35	9.5	10.96	09	4	7	..
2094	41.9	+11 51	9.5	9.58	03	6	5	*02*	584	44.9	+70 21	8.1	8.07	08	3	19	..
1908	42.0	+33 45	9.5	11.59	10	4	7	..	“	“	“ “	“	8.10	08b	3	“	..
2267	42.0	+ 3 8	9.5	10.41	01	2	9	..	2271	44.9	+ 3 14	9.5	9.96	01	1	9	..
“	“	“ “	“	10.36	02	1	“	..	“	“	“ “	“	10.18	02	2	“	..
2102	42.1	+11 18	7.8	7.91	03	6	5	*10*	2252	45.1	+ 4 13	9.5	9.86	01	1	9	..
2059	42.2	+34 53	8.9	9.53	01	2	1	14	“	“	“ “	“	10.30	02	2	“	..
“	“	“ “	“	9.67	02	7	“	00	*2732*	45.1	− 5 0	9.2	9.70	10	4	23	..
..	42.2	+33 44	..	12.59	10	5	7	..	7635	45.1	−22 37	9.7	10.92	04	7	3	..
2902	42.2	− 5 21	8.6	8.58	08	4	1	*03*	2254	45.3	+ 2 29	9.4	9.70	01	1	9	..
2054	42.4	+10 32	7.7	7.30	07	4	5	..	“	“	“ “	“	9.98	02	2	“	..
2250	42.4	+ 2 33	9.5	9.90	01	2	9	..	2567	45.3	+ 0 22	9.4	9.86	01	1	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	9 45.3	+ 0 22	9.4	10.04	02	2	9	..	*2244*	9 47.3	+ 4 53	9.0	9.16	09	4	1	*05*
1331	45.4	+54 32	5.0	4.62	04b	3	13	*08*	2263	47.7	+ 2 16	9.5	10.71	09	4	7	..
"	"	" "	"	4.61	04c	3	"	*07*	1963	47.9	+29 39	9.0	9.36	09	3	1	*10*
..	45.4	+12 10	..	11.72	09	4	7	..	1964	48.2	+29 39	8.5	8.99	09	3	1	09
1815	45.5	+27 41	9.3	9.74	09	4	7	..	2263	48.3	− 0 19	8.5	8.22	08	3	1	16
2164	45.6	+25 36	9.0	9.58	04	3	22	..	"	"	" "	"	8.34	08b	3	"	04
"	"	" "	"	9.71	04g	3	"	..	2224	48.5	+ 6 26	6.5	6.00	08b	3	12	27
2164	45.6	+13 33	6.5	6.49	08b	3	12	21	"	"	" "	"	5.99	08c	3	"	28
"	"	" "	"	6.75	08c	3	"	*05*	*8542*	48.7	−25 1	9.7	11.49	04	1	25	..
2106	45.6	+12 40	9.5	10.78	09	4	7	..	2289	49.0	+39 42	9.2	9.48	01	2	1	*03*
..	45.6	+12 11	..	12.38	09	4	7	..	"	"	" "	"	9.38	02	1	"	07
2257	45.6	− 0 19	9.3	9.43	08	1	25	..	2265	49.0	+ 2 15	9.3	9.94	09	4	7	..
"	"	" "	"	9.68	08b	1	"	..	2753	49.0	−22 29	8.5	8.52	04	6	3	06
7642	45.6	−22 41	10	11.72	04	1	3	..	2580	49.2	+ 0 12	9.3	9.53	01	1	9	..
2369	45.7	+ 1 32	9.5	9.88	01	1	9	..	"	"	" "	"	9.66	02	2	"	..
"	"	" "	"	9.94	02	2	"	..	*1221*	49.3	+59 55	8.0	8.12	06	2	1	19
7644	45.8	−22 41	9.8	11.64	04	8	3	..	2266	49.3	+ 2 23	9.2	9.42	09	4	7	..
1817	45.9	+27 37	9.4	10.11	09	4	7	..	2380	49.4	+ 1 40	9.1	9.53	01	1	9	..
..	45.9	+12 12	..	11.22	09	4	7	..	"	"	" "	"	9.54	02	2	"	..
2312	45.9	− 1 33	8.9	9.13	05	7	24	..	*8551*	49.5	−25 0	7.3	8.02	05	2	1	32
"	"	" "	"	9.41	05b	5	"	..	*8552*	49.5	−25 6	9.2	10.08	05	2	1	*03*
2569	46.1	+ 0 47	8.8	8.76	08	2	8	..	2267	49.7	+ 2 21	9.3	9.65	01	1	9	..
..	46.2	+27 33	..	10.40	09	4	7	..	"	"	" "	"	9.56	02	2	"	..
..	46.2	+27 6	..	11.34	09	4	7	..	2756	49.8	−22 50	8.5	8.34	04	6	3	..
1956	46.3	+29 44	8.6	8.92	09	3	1	09	2180	50.1	+25 41	8.6	9.10	05	4	22	..
..	46.3	+12 31	..	11.48	09	4	7	..	"	"	" "	"	8.99	05b	2	"	..
2170	46.6	+25 36	7.7	7.81	04	3	22	..	2288	50.2	+ 3 11	9.5	9.93	01	1	9	..
"	"	" "	"	7.74	04b	3	"	..	"	"	" "	"	9.94	02	2	"	..
"	"	" "	"	7.62	05	3	"	..	*8579*	50.9	−25 3	8.8	9.28	05	2	1	32
"	"	" "	"	7.71	05b	3	"	..	2265	51.2	+ 4 15	9.0	8.89	01	1	9	..
1412	46.7	+56 15	8.2	7.86	08	3	19	..	"	"	" "	"	8.83	02	2	"	..
"	"	" "	"	7.65	08b	3	"	..	2399	51.5	+20 14	7.5	7.83	02	1	1	*13*
2963	46.7	−14 23	5.0	4.31	03b	3	13	*02*	"	"	" "	"	7.72	03	2	"	*02*
"	"	" "	"	4.40	03c	3	"	*11*	2588	51.5	+ 0 0	8.3	7.69	08	3	18	..
2741	46.7	−22 29	8.8	9.03	04	8	3	*09*	"	"	" "	"	7.81	08b	3	"	..
"	"	" "	"	9.13	04b	4	"	*19*	*1566*	51.7	+45 53	6.6	6.27	08b	3	12	23
2123	46.8	+14 57	8.9	8.60	08	1	1	57	"	"	" "	"	6.56	08c	3	"	*06*
"	"	" "	"	9.23	08b	1	"	*06*	1977	51.7	+29 38	8.3	8.47	09	3	1	*26*
"	"	" "	"	9.07	09	4	"	10	2284	51.8	+19 46	8.0	7.99	02	1	1	01
7655	46.8	−22 37	9.8	11.73	04	6	3	..	"	"	" "	"	7.87	03	2	"	13
2743	46.9	−22 41	9.4	10.38	04	6	3	..	2270	52.0	+ 2 17	9.0	9.35	09	4	7	..
2270	47.0	+39 48	9.0	9.44	01	2	1	*17*	1276	52.1	+59 39	8.2	8.26	06	2	1	*15*
"	"	" "	"	9.26	02	1	"	01	2133	52.5	+21 28	8.5	7.92	02	3	4	..
1961	47.0	+29 38	9.0	9.60	09	3	1	21	"	"	" "	"	7.86	03	4	"	..
2019	47.1	+26 29	4.0	4.01	04b	1	13	09	2271	52.5	+ 4 44	9.0	9.49	01	3	1	*18*
"	"	" "	"	4.06	04c	3	"	04	"	"	" "	"	9.62	01g	2	"	*31*
"	"	" "	"	4.09	04d	1	"	01	"	"	" "	"	9.37	02	3	"	*06*
2573	47.1	+ 0 33	7.0	6.38	08b	3	12	*09*	"	"	" "	"	9.36	02g	3	"	*05*
"	"	" "	"	6.66	08c	3	"	*37*	225	52.6	+84 25	6.5	6.33	08b	3	12	15
2262	47.2	+ 2 46	8.8	9.40	09	4	7	..	"	"	" "	"	6.59	08c	3	"	*11*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
1824	9 52.8	+28 15	6.5	6.38	08b	3	12	04
"	"	" "	"	6.43	08c	3	"	*01*
2135	53.0	+21 48	9.5	9.85	02	3	4	..
"	"	" "	"	9.86	03	4	"	..
2190	53.3	+24 53	8.5	8.98	02	1	1	03
"	"	" "	"	8.84	03	2	"	17
..	53.5	+21 56	..	11.91	02	3	4	..
"	"	" "	"	12.01	03	4	"	..
2299	53.7	+ 3 7	9.5	10.16	01	1	9	..
"	"	" "	"	10.34	02	2	"	..
2164	53.8	+23 45	8.2	7.97	05	3	22	..
"	"	" "	"	8.05	05b	3	"	..
2274	53.8	+ 4 16	9.3	9.18	01	1	9	..
"	"	" "	"	9.17	02	2	"	..
2387	53.8	+ 1 29	9.0	9.56	01	1	9	..
"	"	" "	"	9.26	02	2	"	..
2150	54.2	+21 55	9.5	10.65	02	3	4	..
"	"	" "	"	10.70	03	4	"	..
..	54.2	+21 44	..	13.49	02	3	4	..
"	"	" "	"	13.39	03r	3	"	..
2191	54.4	+25 2	7.5	8.15	02	1	1	*24*
"	"	" "	"	8.08	03	2	"	*17*
..	54.4	+21 50	..	12.55	02	3	4	..
"	"	" "	"	12.64	03	4	"	..
..	54.4	+21 44	..	12.72	02	3	4	..
"	"	" "	"	12.83	03	4	"	..
2182	54.6	+14 43	9.0	9.20	09	4	1	*01*
..	54.8	+21 46	..	13.25	02	3	4	..
1421	54.9	+56 6	8.2	7.99	08	3	19	..
"	"	" "	"	7.86	08b	3	"	..
..	54.9	+21 40	..	12.87	02	3	4	..
"	"	" "	"	12.98	03	4	"	..
..	54.9	+21 37	..	11.35	02	3	4	..
"	"	" "	"	11.46	03	4	"	..
2301	54.9	+ 8 31	5.0	5.01	03b	1	13	*12*
"	"	" "	"	4.97	03c	1	"	*08*
"	"	" "	"	4.39	04b	2	"	50
"	"	" "	"	4.94	04c	2	"	*05*
2274	54.9	+ 2 20	9.5	9.98	01	1	9	..
"	"	" "	"	10.06	02	2	"	..
2153	55.0	+21 56	8.7	8.99	02	3	4	..
"	"	" "	"	8.64	03	4	"	..
2599	55.2	+ 0 37	9.5	9.95	01	1	9	..
"	"	" "	"	10.12	02	2	"	..
2417	55.9	+19 50	9.1	9.30	02	2	1	05
"	"	" "	"	9.52	03	2	"	*17*
2157	56.0	+22 7	9.4	11.25	02	3	4	..
"	"	" "	"	11.47	03	4	"	..
2158	56.0	+21 53	9.3	9.44	02	3	4	..
"	"	" "	"	9.67	03	4	"	..
	h. m.	° ′						
2291	9 56.2	+19 42	9.1	9.23	02	2	1	17
"	"	" "	"	9.24	03	2	"	16
2277	56.4	+ 4 44	9.0	9.23	09	4	1	*02*
1232	56.6	+59 52	9.3	9.64	06	2	1	22
2190	56.8	+14 46	9.1	9.51	09	4	1	*07*
2293	56.9	+19 37	8.2	8.42	02	2	1	08
"	"	" "	"	8.50	03	2	"	00
2280	57.0	+ 4 37	9.0	9.50	01	1	9	*15*
"	"	" "	"	9.30	02	2	"	05
"	"	" "	"	9.44	09	4	1	*09*
2157	57.1	+14 49	8.2	8.48	09	4	1	*19*
1284	57.4	+59 41	8.3	8.65	06	2	1	*14*
2192	57.4	+14 37	8.8	8.60	09	4	1	19
2308	57.5	+ 3 33	9.1	9.64	01	3	9	..
2280	57.6	+ 2 15	9.2	9.41	01	3	9	..
2394	57.6	+ 1 35	9.1	9.69	01	3	9	..
1362	58.0	+54 50	8.8	8.67	08	3	1	*06*
"	"	" "	"	8.97	08b	3	"	*36*
2605	58.3	+ 0 8	9.3	9.71	01	3	9	..
2297	58.4	+19 25	7.7	8.12	02	2	1	*22*
"	"	" "	"	8.04	03	2	"	*14*
2836	58.7	− 9 5	6.3	6.28	08b	3	12	13
"	"	" "	"	6.62	08c	3	"	*21*
2312	59.3	+ 2 50	9.4	10.46	08	4	22	..
3047	59.3	−17 37	6.8	6.53	08b	3	12	*75*
"	"	" "	"	6.43	08c	3	"	*65*
2430	59.7	+19 55	7.7	8.42	02	2	1	*07*
"	"	" "	"	8.36	03	2	"	*01*
2077	10 0.3	+16 14	6.9	6.19	08b	3	12	09
"	"	" "	"	6.15	08c	3	"	13
3073	0.3	−12 35	4.5	4.73	03b	2	13	*01*
"	"	" "	"	4.63	03c	3	"	09
"	"	" "	"	4.82	03d	1	"	*10*
2177	0.5	+24 19	8.1	8.46	05	3	22	..
"	"	" "	"	8.63	05b	3	"	..
"	"	" "	"	8.36	08	3	19	..
"	"	" "	"	8.70	08b	3	"	..
2431	0.5	+19 56	9.0	9.31	02	2	1	14
"	"	" "	"	9.40	03	2	"	05
2286	0.6	+ 4 7	9.3	9.35	01	3	9	..
2178	1.4	+24 41	9.5	11.35	10	4	7	..
2399	1.4	+ 1 15	9.5	10.26	01	3	9	..
2179	1.5	+24 24	8.8	9.52	10	4	7	..
2180	1.5	+24 5	8.7	8.98	10	4	7	..
2259	1.5	+ 6 6	6.9	6.15	08b	3	12	14
"	"	" "	"	6.29	08c	3	"	00
2110	1.6	+35 44	4.4	4.50	04b	3	13	*03*
"	"	" "	"	4.53	04c	3	"	*06*
561	1.7	+69 10	7.0	6.91	99	3	2	35
"	"	" "	"	6.93	99i	1	"	33

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	10 1.7	+69 10	7.0	7.09	09	6	2	17	*2217*	10 6.2	+13 51	7.0	6.43	08b	3	12	*02*
2316	1.7	+ 3 28	9.3	9.72	01	3	9	..	“	“	“ “	“	6.54	08c	3	“	*13*
..	1.8	+14 27	..	12.20	03	10	14	..	2411	6.2	+ 1 44	9.5	9.80	01	3	9	..
2181	1.9	+24 20	9.1	10.16	10	4	7	..	2193	6.3	+24 15	8.3	8.23	08	3	19	..
2171	1.9	+17 15	3.4	3.51	04c	3	13	07	“	“	“ “	“	8.33	08b	3	“	..
“	“	“ “	“	3.64	04d	4	“	*06*	3096	6.3	− 6 49	7.2	6.20	08b	3	12	*14*
2182	2.0	+24 13	8.9	9.61	10	4	7	..	“	“	“ “	“	6.10	08c	3	“	*04*
2289	2.1	+ 2 36	9.5	10.51	01	3	9	..	*1173*	6.8	+60 48	9.5	10.33	06	7	3	..
..	2.1	+ 0 48	..	12.05	08	2	8	..	1174	6.9	+61 7	8.0	8.38	06	6	3	..
2613	2.1	+ 0 44	9.0	9.31	01	2	1	*02*	2626	6.9	+ 0 45	8.8	9.14	01	5	1	20
“	“	“ “	“	9.35	01g	2	“	*06*	“	“	“ “	“	9.26	01g	4	“	08
“	“	“ “	“	9.38	08	3	8	*09*	“	“	“ “	“	9.20	08	3	8	14
2293	2.3	+ 4 44	9.0	9.47	01	3	1	10	*2299*	7.1	+ 4 49	9.5	10.61	01	4	9	..
“	“	“ “	“	9.47	01g	3	“	10	1244	7.4	+60 23	8.9	9.27	06	6	3	..
“	“	“ “	“	9.58	09	4	1	*01*	..	7.4	+ 2 23	..	9.78	08	5	22	..
2614	2.3	+ 0 13	9.0	8.75	01	3	9	..	..	7.5	+ 0 40	..	11.24	08	2	8	..
..	2.5	+24 22	..	11.44	10	4	7	..	1175	7.7	+61 7	9.0	9.52	06	6	3	..
2184	2.6	+24 25	9.1	9.95	10	4	7	..	2870	7.9	−18 39	6.8	6.92	08b	3	12	*48*
2112	2.6	+10 30	5.0	4.52	04b	3	13	06	“	“	“ “	“	6.83	08c	3	“	*39*
“	“	“ “	“	4.63	04c	3	“	*05*	2334	8.0	+ 3 34	7.5	7.49	08	3	19	*18*
1434	2.9	+55 47	8.0	7.90	08	3	19	..	“	“	“ “	“	7.40	08b	3	“	*09*
“	“	“ “	“	8.22	08b	3	“	..	..	8.0	+ 0 45	..	12.35	08	2	8	..
2615	2.9	+ 0 7	4.1	4.54	01i	3	1	*04*	1862	8.2	+27 39	6.5	6.12	08b	3	12	*02*
“	“	“ “	“	4.40	03c	1	13	10	“	“	“ “	“	6.18	08c	3	“	*08*
“	“	“ “	“	4.49	03d	1	“	01	1247	8.4	+60 3	9.3	9.62	06	6	3	..
“	“	“ “	“	4.58	04b	2	“	*08*	2306	8.7	+ 2 7	9.3	9.96	01	3	9	..
“	“	“ “	“	4.38	04c	2	“	12	2298	8.8	+ 4 3	9.3	9.69	01	1	9	..
2204	3.0	+24 56	8.7	8.77	05	8	1	*01*	2338	8.9	+ 3 39	7.8	7.74	08	3	19	..
“	“	“ “	“	8.98	10	4	“	*22*	“	“	“ “	“	7.87	08b	3	“	..
2149	3.0	+12 27	1.3	1.72	04c	1	13	*38*	2165	9.0	+21 41	6.5	6.11	08b	3	12	01
“	“	“ “	“	1.20	04d	3	“	14	“	“	“ “	“	5.99	08c	3	“	13
..	3.3	+ 0 41	..	12.72	08	2	8	..	2417	9.0	+ 1 38	9.5	9.90	01	3	9	..
..	3.9	+ 0 43	..	11.12	08	2	8	..	1249	9.1	+60 26	9.5	10.65	06	6	3	..
2063	4.9	+41 10	6.5	6.13	08b	3	12	38	*1177*	9.2	+60 49	9.5	10.21	06	6	3	..
“	“	“ “	“	6.51	08c	3	“	00	2632	9.2	+ 0 9	9.5	9.96	01	3	9	..
2622	4.9	+ 0 43	9.3	9.42	08	2	8	..	489	9.6	+73 35	6.5	6.56	08b	3	12	*08*
2189	5.0	+24 23	7.8	7.68	08	1	1	23	“	“	“ “	“	6.71	08c	3	“	*23*
“	“	“ “	“	7.67	08b	1	“	24	..	9.6	+ 0 41	..	13.01	08	2	8	..
2818	5.0	−11 36	6.8	6.29	08b	3	12	*09*	534	9.8	+71 34	6.3	6.65	08b	3	12	*56*
“	“	“ “	“	6.34	08c	3	“	*14*	“	“	“ “	“	6.49	08c	3	“	*40*
..	5.1	+ 0 42	..	12.19	08	2	8	..	*1251*	9.8	+59 53	8.5	8.77	06	6	3	*06*
2326	5.4	+ 3 24	9.4	10.59	01	5	9	..	2341	10.5	+ 3 10	9.5	10.95	01	3	9	..
2298	5.6	+ 2 16	9.5	9.86	01	2	9	..	*2223*	10.6	+24 50	8.9	9.70	05	8	1	*09*
1170	5.7	+61 0	7.8	8.58	06	6	3	..	“	“	“ “	“	9.64	10	4	“	*03*
2820	5.7	−11 52	3.5	3.57	03c	3	13	26	2206	10.9	+24 44	9.0	9.80	10	4	1	*04*
“	“	“ “	“	3.90	03d	3	“	*07*	2207	11.0	+24 0	7.0	5.98	08	2	19	*07*
1171	5.8	+60 50	9.4	10.71	06	6	3	..	“	“	“ “	“	5.92	08b	4	“	*01*
2623	5.8	+ 0 15	9.3	10.29	01	3	9	..	“	“	“ “	“	5.98	08c	2	“	*07*
2624	6.0	+ 0 45	9.5	10.84	08	2	8	..	2005	11.1	+43 25	3.5	3.51	04c	3	13	01
2192	6.1	+24 37	8.4	8.72	10	4	1	09	“	“	“ “	“	3.37	04d	3	“	15

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2209	10 11.1	+23 55	3.5	3.43	04c	3	13	22	2115	10 16.4	+42 0	3.1	3.13	04c	3	13	*08*
"	"	" "	"	3.59	04d	3	"	06	"	"	" "	"	3.27	04d	3	"	*06*
2224	11.2	+24 57	8.0	8.16	05	8	1	10	*2904*	16.8	−23 13	6.5	6.85	08b	3	12	*37*
"	"	" "	"	8.05	10	4	"	21	"	"	" "	"	6.95	08c	3	"	*47*
..	11.6	+ 0 40	..	12.68	08	2	8	..	664	16.9	+66 4	5.0	5.03	05c	3	13	*11*
..	11.7	+ 0 39	..	12.34	08	2	8	..	"	"	" "	"	4.94	05d	2	"	*02*
2207	11.8	+23 37	6.5	5.83	08b	3	12	02	*3045*	16.9	−22 2	6.7	6.96	08b	3	12	*51*
"	"	" "	"	5.72	08c	3	"	13	"	"	" "	"	6.87	08c	3	"	*42*
1937	12.5	+49 43	8.8	9.50	08	4	1	*11*	2320	17.2	+ 4 38	9.5	9.38	01r	2	9	..
2200	12.5	+22 29	7.8	7.63	05	3	22	..	*2353*	17.3	+ 2 55	9.3	9.50	01r	2	9	..
"	"	" "	"	7.65	05b	3	"	..	1955	17.7	+49 36	8.0	8.47	08	4	1	*05*
1867	12.6	+27 55	6.7	6.59	08b	3	12	*13*	2289	17.8	+ 7 4	6.5	6.20	08b	3	12	08
"	"	" "	"	6.38	08c	3	"	08	"	"	" "	"	6.30	08c	3	"	*02*
3001	12.7	− 7 34	5.5	5.10	08b	1	25	30	2301	18.1	+ 6 12	6.7	6.65	08b	3	12	*15*
"	"	" "	"	5.42	08c	1	"	*02*	"	"	" "	"	6.63	08c	3	"	*13*
1761	12.8	+47 17	6.5	6.31	08b	3	12	17	2430	18.1	+ 1 20	9.3	9.58	01r	2	9	..
"	"	" "	"	6.49	08c	3	"	*01*	1956	18.3	+49 11	9.5	10.26	08	3	20	..
7904	12.8	−25 12	8.6	9.61	05	1	25	..	*1259*	18.7	+59 46	9.0	9.48	06	3	1	*17*
2420	13.0	+ 1 12	9.2	9.89	01	3	9	..	1957	18.7	+49 41	8.8	9.30	08	4	20	*08*
2204	13.6	+22 34	8.7	8.96	05	3	22	..	2648	18.8	+ 0 20	9.5	10.14	01	3	9	..
"	"	" "	"	9.01	05b	3	"	..	2649	19.0	+ 0 42	9.0	9.42	01	3	1	*08*
2346	13.7	+18 40	9.5	11.24	07	4	17	..	"	"	" "	"	9.33	01g	3	"	01
2312	13.7	+ 2 21	9.3	10.25	01	3	9	..	"	"	" "	"	9.72	08	2	8	*38*
2638	13.8	+ 0 8	9.3	9.92	01	3	9	..	2359	19.1	+ 3 36	9.5	9.85	01	3	9	..
2188	13.9	+15 10	8.5	8.24	08	3	18	..	*1738*	19.3	+49 54	9.0	9.07	08	4	1	10
"	"	" "	"	8.74	08b	3	"	..	1309	19.4	+59 27	7.8	8.50	06	3	1	26
2213	14.1	+23 1	7.9	8.26	08	2	19	..	*1261*	19.5	+59 47	7.5	8.10	06	3	1	06
"	"	" "	"	8.70	08b	2	"	..	2128	20.2	+34 18	4.5	4.88	04b	3	13	*05*
2310	14.2	+ 4 27	9.4	10.80	01	3	9	..	"	"	" "	"	4.81	04c	3	"	02
2466	14.3	+19 59	5.9	5.02	03b	1	13	*05*	2651	20.3	+ 0 23	9.5	10.42	01	3	9	..
"	"	" "	"	5.17	03c	1	"	*20*	2327	20.7	+ 4 17	9.3	10.18	01	3	9	..
"	"	" "	"	5.08	04b	2	"	*11*	*1958*	21.3	+48 53	8.4	8.86	08	4	20	..
"	"	" "	"	4.97	04c	2	"	00	3052	21.3	−16 20	4.0	4.03	03b	2	13	03
569	14.5	+69 26	7.5	7.03	99	3	2	52	"	"	" "	"	4.41	03c	2	"	*35*
"	"	" "	"	7.27	09	6	"	28	1959	21.7	+49 12	8.8	9.21	08	4	20	..
2467	14.5	+20 21	2.0	2.40	04c	3	13	*10*	2438	21.7	+ 1 40	9.4	10.10	01	3	9	..
	14.5	+20 21							2368	21.8	+ 3 26	9.3	10.38	01	3	9	..
"	"	" "	"	2.30	04d	3	"	00	1960	21.9	+49 29	6.6	6.88	08	3	20	*07*
2232	14.5	+14 41	9.0	9.03	08	3	1	*04*	1961	21.9	+49 21	6.2	6.38	08	2	20	12
"	"	" "	"	9.17	08b	3	"	*18*	2080	22.1	+37 13	4.0	4.18	04b	3	13	23
2312	14.5	+ 3 50	9.3	9.58	01r	1	9	..	"	"	" "	"	4.26	04c	3	"	15
"	"	" "	"	8.99	01g	1	"	..	2330	22.1	+ 4 33	9.0	9.16	01	3	1	*01*
2349	14.9	+18 23	9.5	10.26	07	4	17	..	"	"	" "	"	9.07	01g	3	"	08
1254	15.0	+59 49	9.0	9.64	06	3	1	*23*	2321	22.1	+ 2 1	8.3	8.43	01	3	9	..
2897	15.0	− 8 34	6.3	6.49	08b	2	12	*15*	"	"	" "	"	8.09	01g	1	"	..
"	"	" "	"	6.64	08c	2	"	*30*	1962	22.2	+49 40	9.5	9.97	08	4	20	..
3093	16.0	−14 59	7.0	7.35	08	3	18	*34*	..	22.6	+49 12	..	10.43	08	4	20	..
"	"	" "	"	7.47	08b	3	"	*46*	671	22.8	+66 8	6.6	6.23	08b	3	12	16
2076	16.3	+41 44	6.5	5.53	08b	3	12	35	"	"	" "	"	6.42	08c	3	"	*03*
"	"	" "	"	5.61	08c	3	12	27	*436*	23.2	+73 50	7.0	6.92	08b	1	25	22

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	10 23.2	+73 50	7.0	7.21	08c	1	25	*07*	A	10 32.5	+70 40	7.7	8.41	08b	3	19	..
2929	23.7	− 3 14	6.7	6.06	08b	3	12	05	*2682*	32.5	− 0 6	8.8	9.26	01	3	1	02
“	“	“ “	“	6.03	08c	3	“	08	“	“	“ “	“	9.14	01g	3	“	14
2024	24.1	+30 1	8.8	9.26	08	3	18	..	..	32.6	+ 0 41	..	12.00	08	2	8	..
“	“	“ “	“	9.50	08b	3	“	..	2684	32.7	+ 0 19	9.3	10.02	01	3	9	..
658	24.2	+66 49	7.2	7.10	08b	1	25	17	*2364*	32.8	+ 4 58	8.8	9.28	03	1	25	..
“	“	“ “	“	7.48	08c	1	“	*21*	2685	32.8	+ 0 43	9.1	9.52	08	2	8	..
1459	24.2	+56 30	4.7	4.81	04b	3	13	03	2061	33.1	+32 30	4.8	4.80	04b	3	13	*03*
“	“	“ “	“	4.84	04c	2	“	00	“	“	“ “	“	4.81	04c	3	“	*04*
2202	24.7	+21 20	8.2	7.68	05	3	22	..	2363	33.2	+ 4 38	9.0	9.38	01	3	1	*33*
“	“	“ “	“	7.59	05b	3	“	..	“	“	“ “	“	9.35	01g	3	“	*30*
2662	25.1	+ 0 1	9.5	11.10	01	3	9	..	2465	33.4	+ 1 21	9.5	10.41	01	3	9	..
2663	25.2	− 0 8	5.3	5.03	01i	3	1	*08*	..	33.5	+ 0 42	..	11.24	08	2	8	..
“	“	“ “	“	4.86	03b	1	13	09	2399	33.7	+ 3 24	9.5	10.61	01	3	9	..
“	“	“ “	“	5.30	03c	1	“	*35*	2365	33.8	+ 4 17	9.3	9.56	01	3	9	..
“	“	“ “	“	4.94	04b	2	“	01	2925	33.9	−11 56	6.5	6.18	08b	3	12	*29*
“	“	“ “	“	5.00	04c	2	“	*05*	“	“	“ “	“	6.13	08c	3	“	*24*
1964	25.4	+49 17	9.5	10.40	08	4	20	..	2345	34.5	+ 2 10	9.3	9.52	01	3	9	..
2345	25.5	+ 4 25	9.0	9.53	01	3	9	..	*583*	34.7	+68 58	5.5	6.59	99i	3	2	*69*
2326	25.7	+ 2 44	9.4	9.69	01	3	9	..	2688	35.1	+ 0 39	9.0	9.44	08	3	8	*05*
2031	26.4	+30 14	7.8	7.90	08	3	1	*09*	678	35.2	+66 14	5.2	5.49	99i	1	25	*37*
“	“	“ “	“	7.93	08b	3	“	*12*	584	35.4	+69 8	8.3	8.09	99	3	2	*01*
2380	26.5	+ 3 6	9.3	9.89	01	3	9	..	“	“	“ “	“	8.33	09	6	“	*25*
1746	26.6	+49 51	9.2	9.50	08	4	1	12	585	35.5	+69 4	9.3	9.54	99	3	2	*01*
2452	26.6	+ 1 42	9.5	10.72	01	3	9	..	“	“	“ “	“	9.75	09	6	“	*22*
2101	27.5	+40 57	5.2	4.86	04b	3	13	*02*	2349	36.0	+ 2 30	9.3	10.32	01	3	9	..
“	“	“ “	“	4.68	04c	3	“	16	2066	36.6	+32 14	6.5	6.04	08b	3	12	29
2166	27.5	+ 9 49	4.1	3.88	03b	1	13	*03*	“	“	“ “	“	6.26	08c	3	“	07
“	“	“ “	“	3.78	03c	2	“	07	..	36.6	+ 0 43	..	11.57	08	2	8	..
“	“	“ “	“	3.82	03d	1	“	03	..	36.7	+69 15	..	13.06	99	2	2	..
“	“	“ “	“	3.60	04c	1	“	25	“	“	“ “	“	13.26	09	6	“	..
“	“	“ “	“	3.85	04d	1	“	00	..	36.8	+ 0 42	..	12.76	08	2	8	..
577	27.6	+69 13	7.7	7.49	99	3	2	28	..	37.0	+69 17	..	12.37	99	3	2	..
“	“	“ “	“	7.54	09	6	“	23	“	“	“ “	“	12.15	09	6	“	..
578	27.7	+68 54	9.5	9.54	99	3	2	*01*	..	37.1	+ 0 46	..	11.00	08	2	8	..
“	“	“ “	“	9.58	09	6	“	*05*	2374	37.2	+ 4 18	9.3	10.63	01	3	9	..
2500	27.7	+20 5	8.5	8.13	05	3	22	..	..	37.2	+ 0 44	..	12.10	08	2	8	..
“	“	“ “	“	8.28	05b	3	“	..	1286	37.4	+57 43	5.8	5.74	08b	1	25	05
2350	28.6	+ 4 42	8.8	9.03	01	3	1	13	“	“	“ “	“	6.38	08c	1	“	*59*
“	“	“ “	“	8.86	01g	3	“	30	1855	37.4	+45 8	8.8	9.02	08	3	18	..
2669	28.9	+ 0 42	9.0	9.52	08	2	8	*08*	“	“	“ “	“	9.21	08b	3	“	..
2671	29.8	+ 0 9	9.3	11.98	01	3	9	..	2472	37.5	+ 1 42	9.3	10.30	01	3	9	..
2457	29.9	+ 1 45	9.5	9.86	01	3	9	..	..	37.6	+69 15	..	13.04	99	2	2	..
2335	30.1	+ 2 40	9.5	9.39	01	3	9	..	“	“	“ “	“	12.73	09	6	“	..
2356	30.2	+ 4 7	9.3	9.58	01	3	9	..	..	37.7	+69 21	..	11.88	99	3	2	..
2390	30.3	+ 3 15	9.5	10.46	01	3	9	..	“	“	“ “	“	11.56	09	6	“	..
3187	30.8	−18 3	6.6	6.67	08b	3	12	*24*	2404	37.8	+ 3 7	9.0	9.11	01	3	9	..
“	“	“ “	“	6.61	08c	3	“	*18*	2695	37.8	+ 0 26	9.3	10.17	01	3	9	..
..	32.3	+ 0 44	..	12.33	08	2	8	..	*2362*	37.9	+39 47	9.3	10.06	99	2	25	..
620	32.5	+70 40	7.7	8.44	08	3	19	..	*588*	38.1	+68 48	9.4	9.72	99	3	2	*02*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	10 38.1	+68 48	9.4	9.66	09	6	2	04
617	38.2	+67 56	6.2	7.00	99i	3	2	*68*
..	38.9	+ 0 46	..	11.32	08	2	8	..
2377	39.4	+ 4 34	8.7	8.69	01	3	1	*04*
“	“	“ “	“	8.40	01g	3	“	25
2408	40.0	+ 3 0	6.5	6.47	08b	3	12	10
“	“	“ “	“	6.57	08c	3	“	00
1281	40.2	+57 53	6.3	6.24	08b	3	12	25
“	“	“ “	“	6.58	08c	3	“	*09*
2355	40.2	+ 2 39	9.5	10.14	01	3	9	..
..	40.2	+ 0 44	..	12.70	08	2	8	..
2409	40.4	+ 3 16	9.5	10.50	01	3	9	..
..	40.5	+69 21	..	11.11	99	3	2	..
“	“	“ “	“	11.05	09	6	“	..
590	40.6	+69 9	9.5	10.31	99	3	2	..
“	“	“ “	“	10.30	09	6	“	..
2012	40.7	+44 38	7.8	7.93	08	3	1	04
“	“	“ “	“	7.86	08b	3	“	11
618	40.9	+68 7	8.8	9.15	07	3	17	..
“	“	“ “	“	9.45	07b	1	“	..
2699	41.0	+ 0 38	8.8	8.89	08	1	8	05
2391	41.1	+ 4 54	9.5	10.42	01	2	9	..
“	“	“ “	“	10.24	01g	1	“	..
2480	41.7	+ 1 30	9.3	9.97	01	3	9	..
“	“	“ “	“	10.16	01g	1	“	..
2702	41.7	+ 0 23	9.5	9.36	01	3	9	..
2246	41.8	+14 46	9.3	9.81	00	4	1	03
“	“	“ “	“	10.02	03	3	“	*18*
2236	41.9	+21 19	8.5	9.31	08	3	19	..
“	“	“ “	“	9.57	08b	3	“	..
803	42.1	+65 40	6.5	6.40	99	2	2	*16*
“	“	“ “	“	6.48	99i	1	“	*24*
3186	42.7	−14 44	7.0	6.75	08b	3	12	*29*
“	“	“ “	“	6.77	08c	3	“	*31*
2299	42.8	+14 45	8.5	8.23	00	3	1	*04*
“	“	“ “	“	8.33	03	3	“	*14*
2072	43.5	+29 57	6.5	6.17	08b	3	12	12
“	“	“ “	“	6.22	08c	3	“	07
3272	43.5	−20 38	7.8	8.33	02	6	4	*06*
2446	43.6	− 1 26	6.5	5.73	08b	3	12	46
“	“	“ “	“	6.19	08c	3	“	00
2301	44.3	+14 44	9.0	9.64	00	3	1	15
“	“	“ “	“	9.84	03	3	“	*05*
2999	44.3	− 3 30	6.7	6.73	08b	3	12	*24*
“	“	“ “	“	6.64	08c	3	“	*15*
1931	44.4	+28 31	6.3	6.39	08	1	19	*27*
“	“	“ “	“	5.89	08b	3	“	23
“	“	“ “	“	6.05	08c	2	“	07
2251	44.6	+14 49	8.2	8.46	00	3	1	28
“	“	“ “	“	8.47	03	3	“	27
3138	10 44.7	−15 40	3	3.15	03c	3	13	17
“	“	“ “	“	3.41	03d	3	“	*09*
2387	45.2	+ 4 11	9.4	10.26	01	3	9	..
3277	45.5	−20 52	8.9	9.25	02	6	4	..
2425	45.6	+ 3 35	9.5	10.24	01	3	9	..
2417	45.7	+ 9 44	9.0	9.68	00	3	1	*21*
2212	46.0	+ 9 46	8.2	7.92	00	3	1	*10*
2247	46.1	+20 49	7.9	8.45	08	3	19	..
“	“	“ “	“	8.67	08b	3	“	..
2385	46.1	+19 42	9.1	9.65	08	3	1	*05*
“	“	“ “	“	10.10	08b	4	“	*50*
2418	46.1	+ 9 42	8.2	7.66	00	3	1	06
2491	46.1	+ 1 14	9.3	9.46	01	3	9	..
2305	46.2	+14 12	8.0	8.59	02	4	4	..
“	“	“ “	“	8.22	03	2	“	..
3280	46.4	−21 0	8.2	8.30	02	6	4	*33*
3281	46.4	−20 29	9.9	11.47	02	13	4	..
2307	46.5	+14 6	8.0	8.01	02	4	4	..
“	“	“ “	“	7.79	03	2	“	..
3282	46.5	−20 44	9.6	11.03	02	6	4	..
2364	46.6	+ 2 2	9.0	9.26	01	3	9	..
2493	46.7	+ 0 46	9.3	9.71	08	1	8	..
634	46.8	+70 23	6.0	6.08	08	3	19	00
“	“	“ “	“	6.15	08b	3	“	*07*
2423	46.8	+ 9 36	8.3	8.18	00	3	1	*21*
2709	46.9	+ 0 23	9.3	10.30	01	4	9	..
2192	47.1	+34 52	8.8	9.63	08	3	1	*21*
2495	47.1	+ 1 33	6.9	6.53	08b	3	12	*25*
“	“	“ “	“	6.37	08c	3	“	*09*
3157	47.1	− 9 25	8.9	9.35	10	8	23	..
3286	47.6	−20 55	9.5	10.61	02r	11	4	..
2172	47.7	+34 45	4.0	3.96	04c	3	13	*04*
“	“	“ “	“	3.97	04d	3	“	*05*
2712	47.8	+ 0 41	8.8	9.50	01	4	1	*11*
“	“	“ “	“	9.28	01g	4	“	11
“	“	“ “	“	9.49	08	1	8	*10*
..	48.0	+14 11	..	10.62	02	4	4	..
“	“	“ “	“	10.45	03	2	“	..
..	48.0	+14 6	..	13.20	00	2	4	..
2311	48.0	+14 0	9.5	10.60	02	11	4	..
“	“	“ “	“	10.40	02g	1	“	..
“	“	“ “	“	10.30	03	6	“	..
2058	48.2	+43 43	5.2	4.78	04b	3	13	06
“	“	“ “	“	4.64	04c	3	“	20
3287	48.2	−20 48	9.1	10.21	02r	5	4	..
2497	48.4	+ 1 30	9.4	9.47	01	3	9	..
2459	48.4	− 1 43	6.7	6.23	08b	3	12	00
“	“	“ “	“	6.25	08c	3	“	*02*
622	48.5	+68 28	9.1	9.29	99	3	2	18
“	“	“ “	“	9.54	09	6	“	*07*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2176	10 48.6	+34 40	8.5	8.30	08	3	1	02
..	48.6	+14 13	..	12.71	00	4	4	..
..	48.6	+14 7	..	12.88	00	5	4	..
..	48.9	+14 8	..	12.72	00	6	4	..
3288	49.0	−20 34	8.6	9.45	02	6	4	..
..	49.2	+14 18	..	12.32	00	6	4	..
..	49.3	+14 9	..	12.30	00	6	4	..
2313	49.5	+14 14	9.5	11.28	00	2	4	..
“	“	“ “	“	11.51	02	4	“	..
“	“	“ “	“	11.16	03	2	“	..
592	49.6	+69 6	8.6	8.69	99	3	2	23
“	“	“ “	“	9.06	09	6	“	*14*
2314	49.6	+13 48	9.1	9.45	02	4	4	..
“	“	“ “	“	9.06	03	2	“	..
2396	49.6	+ 4 41	9.3	10.67	01	3	9	..
3293	49.8	−21 2	9.4	10.49	02	6	4	..
2369	50.0	+ 2 12	9.5	10.18	01	3	9	..
2433	50.1	+ 3 26	9.3	9.29	01	3	9	..
2314	50.2 50.2	+25 17 +25 17	4.0	4.30	03c	2	13	02
“	“	“ “	“	4.42	03d	2	“	*10*
“	“	“ “	“	4.57	04b	1	“	*25*
“	“	“ “	“	4.27	04c	1	“	05
2316	50.2	+14 27	9.5	10.51	02	4	4	..
“	“	“ “	“	10.12	03	2	“	..
1875	50.3	+45 3	9.0	9.63	08	1	25	..
2714	50.3	+ 0 38	9.3	9.80	01	3	9	..
2389	50.3	− 0 17	8.7	8.96	08	3	18	05
“	“	“ “	“	9.03	08b	3	“	*02*
3223	50.5	−15 6	8.8	8.98	03	3	1	*02*
2162	50.6	+42 33	6.3	6.14	08b	3	12	*03*
“	“	“ “	“	6.19	08c	3	“	*08*
3296	50.6	−20 52	9.3	10.72	02	6	4	..
2532	50.7	+20 16	8.6	8.60	08	3	19	..
“	“	“ “	“	8.81	08b	3	“	..
3297	50.8	−20 59	8.6	9.24	02	6	4	..
1952	50.9	+28 16	8.3	8.50	08	3	19	..
“	“	“ “	“	8.53	08b	3	“	..
639	51.0	+70 8	9.5	10.30	05	5	25	..
“	“	“ “	“	10.66	05b	1	“	..
3152	51.8	−16 54	8.2	8.14	02	6	7	..
1876	51.9	+44 54	9.0	9.49	08	1	1	18
3262	52.0	−17 41	8.5	9.12	02	6	7	..
3232	52.3	−15 12	8.5	8.53	03	3	1	*02*
2399	52.8	+ 4 30	9.5	11.04	01	3	9	..
2400	53.3	+ 4 45	9.0	9.36	01	3	1	25
“	“	“ “	“	9.56	01g	3	“	05
2159	53.4	+26 14	8.4	8.80	08	3	19	..
“	“	“ “	“	8.92	08b	3	“	..
2434	53.5	+ 9 40	9.3	9.81	00	3	1	*19*
	h. m.	° ′						
2442	10 53.6	+ 3 32	9.3	9.62	01	3	9	..
2722	53.7	+ 0 24	9.5	10.56	01	3	9	..
643	54.1	+70 8	8.0	8.28	07	3	17	..
“	“	“ “	“	8.60	07b	1	“	..
2443	54.2	+ 2 48	9.5	10.14	01	4	9	..
3163	54.3	−17 5	7.8	7.84	02	6	7	..
2425	54.4	+ 4 54	8.5	8.43	02	1	1	03
2284	54.5	+12 14	6.5	6.52	08b	3	12	*16*
“	“	“ “	“	6.45	08c	3	“	*09*
2506	54.6	+ 1 37	9.5	9.77	01	3	9	..
3271	54.7	−17 36	10	11.28	02	12	7	..
3273	54.9	−17 46	4.0	4.10	03b	3	13	10
“	“	“ “	“	4.23	03c	3	“	*03*
2039	55.1	+44 27	7.7	7.62	08	3	1	10
3275	55.2	−17 54	9.4	10.98	02	6	7	..
597	55.3	+69 45	8.2	8.60	07	2	17	*11*
2142	55.4	+37 4	8.3	8.72	08	4	20	..
3277	55.5	−17 17	9.3	10.10	02	7	7	..
1968	55.6	+27 40	8.0	8.00	08	3	19	..
“	“	“ “	“	8.12	08b	3	“	..
3279	55.6	−17 46	8.9	9.90	02	6	7	..
3280	55.6	−17 26	9.8	11.38	02	11	7	..
2141	55.7	+36 36	8.6	9.13	08	4	20	..
1302	55.8	+56 55	2.3	2.46	04c	3	13	*02*
“	“	“ “	“	2.31	04d	3	“	13
3282	55.8	−17 49	8.7	8.94	02	6	7	*12*
3178	55.9	−15 15	7.0	6.70	03	3	1	*16*
1883	56.2	+44 54	8.3	8.65	08	4	1	15
644	56.6	+69 47	8.9	8.62	05	6	24	42
“	“	“ “	“	8.90	05b	6	“	14
645	56.8	+70 35	6.3	6.40	99	2	2	25
“	“	“ “	“	7.04	99i	2	“	*39*
“	“	“ “	“	6.30	09	6	“	35
2471	56.8	− 1 57	5.2	4.82	03b	3	13	15
“	“	“ “	“	5.09	03	3	“	*12*
2510	56.9	+ 1 19	9.5	10.01	01	3	9	..
2547	57.0	+20 43	4.3	4.28	03c	2	13	14
“	“	“ “	“	4.48	03d	2	“	*06*
“	“	“ “	“	4.45	04b	1	“	*03*
“	“	“ “	“	4.39	04c	1	“	03
2151	57.1	+36 54	7.7	8.38	08	4	20	..
3245	57.1	−15 8	8.0	7.77	03	3	1	14
“	“	“ “	“	8.07	05	4	“	*16*
“	“	“ “	“	7.56	05b	2	“	35
“	“	“ “	“	7.94	07	3	“	*03*
“	“	“ “	“	7.70	07b	3	“	21
2144	57.2	+36 13	9.1	9.88	08	3	20	..
3246	57.3	−14 59	8.7	8.73	05	1	11	..
“	“	“ “	“	8.74	05b	1	“	..
3181	57.3	−15 23	8.8	9.11	03	3	1	*01*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	10 57.3	−15 23	8.8	9.06	05	4	1	04
“	“	“ “	“	9.00	05b	2	“	10
“	“	“ “	“	9.10	07	3	“	00
“	“	“ “	“	9.14	07b	3	“	*04*
2146	57.4	+36 14	8.5	8.73	08	4	20	..
1161	57.6	+62 17	2.0	1.90	05c	3	13	05
“	“	“ “	“	2.02	05d	2	“	*07*
2727	57.8	+ 0 39	9.3	9.72	01	3	9	..
2147	57.9	+36 38	7.3	7.42	08	4	20	18
2412	57.9	+ 4 25	9.5	11.75	01	5	9	..
2449	58.1	+ 3 30	9.3	10.16	01	3	9	..
3289	58.1	−17 46	9.1	10.08	02	6	7	..
2195	58.5	+34 44	9.1	9.45	08	3	1	*03*
2281	58.6	+15 11	9.3	9.82	03	6	11	..
3333	58.6	−12 54	7.0	6.55	08b	3	12	*18*
“	“	“ “	“	6.77	08c	3	“	*40*
3187	58.6	−15 21	8.6	8.52	03	6	1	11
“	“	“ “	“	8.40	05	4	“	23
“	“	“ “	“	8.53	05b	2	“	10
“	“	“ “	“	8.45	07	3	“	18
“	“	“ “	“	8.55	07b	3	“	08
2337	58.7	+14 26	9.5	10.46	03	6	11	..
2047	58.8	+44 20	9.0	9.29	08	2	25	..
2206	58.9	+34 54	9.1	9.36	08	2	1	06
2381	58.9	+ 2 20	9.5	10.09	01	3	9	..
2282	59.0	+14 48	8.1	8.22	00	2	1	37
“	“	“ “	“	8.55	03	6	“	04
“	“	“ “	“	8.49	05	4	“	10
“	“	“ “	“	8.48	05b	2	“	11
“	“	“ “	“	8.46	07	3	“	13
“	“	“ “	“	8.36	07b	3	“	23
2283	59.1	+15 17	8.0	8.07	03	6	11	..
3252	59.3	−14 51	9.4	10.35	03	6	11	..
“	“	“ “	“	10.10	07	4	“	..
“	“	“ “	“	10.08	07b	2	“	..
2048	59.4	+44 13	9.2	9.98	08	4	20	..
2150	59.4	+36 22	8.9	9.37	08	4	20	..
2151	59.4	+36 8	8.8	9.36	08	4	20	..
2079	59.6	+43 41	8.9	9.18	08	4	20	..
2335	59.9	+25 45	7.8	7.98	08	3	19	*49*
“	“	“ “	“	7.72	08b	3	“	*23*
..	59.9	+14 55	..	13.11	03	9	11	..
2455	59.9	+ 7 53	5.2	4.63	03b	3	13	03
“	“	“ “	“	4.71	03c	3	“	*05*
2049	11 0.0	+44 5	9.3	10.05	08	4	20	..
..	0.1	+14 54	..	12.55	03	7	11	..
..	0.4	−14 43	..	12.07	03	6	11	..
3257	0.4	−14 57	9.8	11.21	03	6	11	..
3190	0.4	−15 19	9.1	9.60	03	9	1	*29*
“	“	“ “	“	9.34	05	4	“	*03*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	11 0.4	−15 19	9.1	9.63	05b	2	1	*32*
“	“	“ “	“	9.58	07	3	“	*27*
“	“	“ “	“	9.62	07b	3	“	*31*
..	0.6	+14 50	..	13.16	03	6	11	..
3258	0.6	−14 53	10	11.07	03	6	11	..
2050	0.7	+44 20	9.5	10.22	08	2	20	..
2454	0.7	+ 3 37	9.3	9.88	01	3	9	..
2051	0.8	+44 2	8.5	8.63	08	4	20	..
2285	0.8	+14 52	9.5	11.33	03	6	11	..
2421	0.9	+ 4 36	9.5	10.29	01	3	9	..
2153	1.0	+37 14	8.5	8.61	08	4	20	..
2287	1.0	+14 51	9.5	11.20	03	6	11	..
2739	1.0	− 0 8	9.0	9.38	01	2	1	*05*
“	“	“ “	“	9.43	01g	2	“	*10*
“	“	“ “	“	9.26	02	2	“	07
647	1.1	+70 6	8.6	9.19	08	3	19	..
“	“	“ “	“	9.34	08b	3	“	..
2244	1.1	+ 9 55	8.8	9.43	02	1	1	*26*
2052	1.2	+44 39	7.5	7.57	08	5	1	*15*
2080	1.2	+43 44	9.0	9.12	08	2	20	..
3194	1.2	−15 27	8.9	8.69	03	6	11	..
2288	1.3	+14 49	8.8	9.22	03	6	1	07
“	“	“ “	“	9.21	05	4	“	08
“	“	“ “	“	9.38	05b	2	“	*09*
“	“	“ “	“	9.19	07	3	“	10
“	“	“ “	“	9.17	07b	3	“	12
..	1.3	+14 48	..	12.02	03	6	11	..
..	1.3	−14 56	..	11.81	03	6	11	..
2456	1.4	+ 2 47	9.1	10.01	01	3	9	..
3197	1.6	−15 18	8.8	8.90	03	3	1	06
“	“	“ “	“	9.06	05	4	“	*10*
“	“	“ “	“	9.20	05b	2	“	*24*
“	“	“ “	“	8.84	07	3	“	12
“	“	“ “	“	9.02	07b	3	“	*06*
2745	2.0	+ 0 11	9.4	10.19	01	3	9	..
2056	2.2	+44 7	9.2	9.64	08	4	20	..
2747	2.2	+ 0 46	9.4	9.99	08	2	8	..
3263	2.4	−14 50	8.2	7.77	03	6	11	..
2057	2.5	+44 43	8.8	9.41	08	5	1	*07*
..	2.7	+ 0 37	..	11.49	08	2	8	..
2522	2.8	+ 1 14	9.5	10.18	01	3	9	..
1351	3.0	+59 45	7.3	7.27	08	3	18	04
“	“	“ “	“	7.30	08b	3	“	01
2109	3.0	+29 50	9.0	9.55	08	3	1	*04*
“	“	“ “	“	9.72	08b	3	“	*21*
..	3.1	+ 0 44	..	10.96	08	2	8	..
3206	3.3	−15 26	7.9	7.79	03	3	11	11
2213	3.5	+34 51	8.5	9.01	08	1	1	*09*
2451	3.6	+ 5 32	8.5	8.65	02	6	4	..
2424	3.6	+ 4 42	9.0	9.77	01	3	1	04

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
A	11	3.6	+ 4	42	9.0	9.98	01g	3	1	*17*	2170	11	8.1	+41	38	6.2	6.52	08b	3	12	*03*
“		“	“	“	“	9.59	02	3	“	22	“		“	“	“	“	6.56	08c	3	“	*07*
“		“	“	“	“	9.81	02g	1	“	00	*2571*		8.4	+19	51	9.5	10.23	99	1	25	..
2524		3.7	+ 0	47	9.3	10.28	08	2	8	..	..		8.4	+ 0	40	..	10.14	08	2	8	..
2452		3.8	+ 5	36	9.0	9.10	02	6	4	..	2298		8.8	+21	4	2.3	2.74	03c	2	13	*16*
1897		4.0	+45	2	3.5	3.22	04c	3	13	*07*	“		“	“	“	“	2.28	03d	2	“	30
“		“	“	“	“	3.20	04d	3	“	*05*	“		“	“	“	“	2.91	04c	1	“	*33*
2083		4.0	+43	45	6.5	5.91	08b	3	12	12	“		“	“	“	“	2.54	04d	1	“	04
“		“	“	“	“	5.97	08c	3	“	06	2402		8.8	+ 2	10	9.5	10.29	01	3	9	..
..		4.6	+ 6	0	..	11.88	02	6	4	..	*2234*		9.0	+15	59	3.3	3.26	03c	3	13	15
1352		4.7	+59	26	8.8	9.15	08	1	18	..	“		“	“	“	“	3.49	03d	3	“	*08*
2467		4.7	+ 3	17	9.3	9.93	01	3	9	..	*2467*		9.2	+ 4	51	8.0	8.07	02	3	1	24
..		4.8	+ 6	9	..	10.87	02	6	4	..	“		“	“	“	“	8.11	08	2	“	20
..		4.8	+ 6	1	..	12.55	02r	6	4	..	“		“	“	“	“	7.80	09	2	“	51
2411		4.9	+ 6	12	9.5	10.59	02	6	4	..	2540		9.3	+ 1	26	9.0	9.17	01	3	9	..
2564		5.1	+20	1	9.5	9.45	99	1	25	..	2476		9.8	+ 3	30	9.3	9.74	01	3	9	..
...		5.2	+ 5	54	..	12.53	02	6	4	..	2124		9.9	+32	9	7.9	7.92	08	3	19	..
704		5.3	+66	33	8.7	8.46	09	4	25	..	“		“	“	“	“	8.08	08b	3	“	..
705		5.4	+66	34	8.7	8.40	09	4	25	..	2322		9.9	+23	39	5.0	4.66	03b	2	13	21
..		5.5	+ 0	43	..	11.40	08	2	8	..	“		“	“	“	“	4.86	03c	2	“	01
2240		5.6	+31	0	8.5	8.24	08	3	19	..	“		“	“	“	“	4.53	04b	1	“	34
“		“	“	“	“	8.56	08b	3	“	..	“		“	“	“	“	5.05	04c	1	“	*18*
..		5.6	+ 5	46	..	12.80	02	9	4	..	2442		10.1	+ 4	19	9.3	10.26	01	3	9	..
2394		5.6	+ 2	10	9.5	11.07	01	3	9	..	*1451*		10.3	+54	47	9.1	9.63	04	1	25	..
..		5.8	+ 5	59	..	12.94	02	10	4	..	..		10.3	+ 0	46	..	12.32	08	2	8	..
2527		5.8	+ 1	43	9.5	11.31	01	2	9	..	..		10.5	+ 0	47	..	11.86	08	1	8	..
“		“	“	“	“	11.95	02	1	“	..	2379		10.8	+13	24	6.7	6.66	08b	3	12	*12*
2754		5.8	+ 0	40	8.9	9.11	08	2	8	33	“		“	“	“	“	6.67	08c	3	“	*13*
2755		5.9	+ 0	8	9.5	10.14	01	3	9	..	2762		10.8	+ 0	26	9.4	9.99	01	3	9	..
2458		6.2	+ 5	39	9.0	9.84	02	6	4	..	*2268*		11.0	+ 9	47	9.0	9.41	02	3	1	21
2435		6.4	+ 4	37	9.5	10.08	01	3	9	..	2368		11.5	+14	38	9.1	9.25	03	3	1	*11*
..		6.7	+ 0	43	..	12.36	08	2	8	..	“		“	“	“	“	9.15	05	4	“	*01*
3095		6.7	−22	17	4.8	4.58	03b	3	13	*06*	“		“	“	“	“	9.46	05b	2	“	*32*
“		“	“	“	“	4.77	03c	3	“	*25*	“		“	“	“	“	9.12	07	3	“	02
2415		6.8	+ 6	4	9.5	10.74	02	7	4	..	“		“	“	“	“	9.32	07b	3	“	*18*
2756		6.8	+ 0	38	9.5	10.26	08	2	8	..	*3315*		11.6	− 3	6	4.9	4.70	03b	3	13	*12*
2242		6.9	+30	46	8.2	8.31	08	3	19	..	“		“	“	“	“	4.55	03c	3	“	03
“		“	“	“	“	8.32	08b	3	“	..	*2474*		12.4	+ 4	52	8.0	8.11	02	4	1	*05*
2302		6.9	+14	51	8.5	8.50	03	3	1	*01*	“		“	“	“	“	8.10	08	2	“	*04*
“		“	“	“	“	8.66	05	4	“	*17*	“		“	“	“	“	7.85	09	2	“	21
“		“	“	“	“	8.57	05b	2	“	*08*	3232		12.4	−10	20	8.8	9.17	99	1	25	*26*
“		“	“	“	“	8.57	07	3	“	*08*	2132		12.9	+32	6	3.7	3.83	04c	3	13	03
“		“	“	“	“	8.58	07b	3	“	*09*			12.9	+32	6						
2530		6.9	+ 0	46	9.0	9.54	08	2	8	15	“		“	“	“	“	3.78	04d	3	“	08
2162		7.1	+36	21	6.8	6.42	08b	3	12	*10*	3236		13.0	−15	17	8.5	9.06	09	6	18	*10*
“		“	“	“	“	6.34	08c	3	“	*02*	2098		13.1	+33	38	3.4	3.69	04c	3	13	02
2352		7.1	+25	11	8.1	8.29	08	3	19	..	“		“	“	“	“	3.75	04d	3	“	*04*
“		“	“	“	“	8.36	08b	3	“	..	2319		13.2	+12	32	7.0	6.53	08b	3	12	*03*
..		7.5	+ 0	42	..	10.88	08	2	8	..	“		“	“	“	“	6.49	08c	3	“	01
3281		7.6	−15	10	9.1	9.49	03	3	1	*18*	2447		13.4	+ 4	29	9.5	10.56	01	3	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2225	11 13.7	+38 44	4.8	4.85	04b	3	13	*07*
“	“	“ “	“	4.82	04c	3	“	*04*
2410	13.7	+ 2 29	9.3	9.49	01	3	9	..
2321	13.8	+14 49	7.4	6.49	05b	5	..	16
“	“	“ “	“	6.90	07	2	“	*25*
“	“	“ “	“	6.69	07b	4	“	*04*
2766	13.9	+ 0 3	9.5	10.89	01	3	9	..
2767	13.9	+ 0 41	9.0	9.48	08	2	8	03
2484	14.1	+ 3 2	9.5	9.98	01	3	9	..
3345	14.3	−14 14	3.8	3.45	03c	3	13	37
“	“	“ “	“	3.75	03d	3	“	07
2550	14.5	+ 1 25	9.5	9.93	01	3	9	..
2137	15.4	+32 17	8.2	8.08	08	3	19	..
“	“	“ “	“	8.11	08b	3	“	..
2437	16.0	+ 6 35	4.3	4.01	03c	3	13	12
“	“	“ “	“	4.10	03d	3	“	03
2772	16.0	− 0 13	9.0	9.26	01	3	1	17
“	“	“ “	“	9.22	01g	3	“	21
1316	16.1	+57 37	6.5	6.18	08b	3	12	14
“	“	“ “	“	6.26	08c	3	“	06
1717	16.3	+45 52	7.7	8.14	10	4	7	..
2487	16.4	+ 4 45	8.4	8.11	02	4	1	*30*
“	“	“ “	“	8.10	08	2	“	*29*
“	“	“ “	“	8.15	09	2	“	*34*
2489	16.6	+ 4 53	9.4	9.77	01 r	2	9	..
“	“	“ “	“	9.76	91g	1	“	..
2554	16.8	+ 0 50	9.2	9.97	01	3	9	..
“	“	“ “	“	10.05	01g	1	“	..
1915	17.3	+44 51	9.0	9.64	10	4	1	*04*
2415	17.3	+ 1 50	9.5	10.95	01	3	9	..
“	“	“ “	“	10.94	01g	1	“	..
2416	17.6	+ 2 34	9.3	9.43	01	3	9	..
“	“	“ “	“	9.10	01g	1	“	..
2326	17.7	+14 52	8.1	8.52	03	3	1	*18*
“	“	“ “	“	8.29	08	1	18	05
“	“	“ “	“	8.76	08b	1	“	*42*
“	“	“ “	“	8.31	09	4	“	03
3255	17.7	−15 37	7.7	8.00	09	6	1	10
2454	17.9	+ 4 40	8.3	8.02	01	4	1	*06*
“	“	“ “	“	8.02	01g	4	“	*06*
“	“	“ “	“	8.26	02	4	“	*30*
“	“	“ “	“	8.04	08	2	“	*08*
“	“	“ “	“	8.20	09	2	“	*24*
2493	18.1	+ 3 42	9.3	9.53	01	3	9	..
2348	18.7	+11 5	4.1	3.73	03c	3	13	30
“	“	“ “	“	4.09	03d	3	“	*06*
3244	19.9	−17 8	4.2	4.22	03b	2	13	*08*
“	“	“ “	“	3.99	03c	3	“	15
“	“	“ “	“	4.09	03d	1	“	05
2461	20.5	+ 3 51	7.3	6.84	08	2	19	*14*
	h. m.	° ′						
A	11 20.5	+ 3 51	7.3	6.86	08b	2	19	*16*
2464	20.8	+ 4 30	9.0	9.04	08	2	1	21
“	“	“ “	“	9.39	09	2	“	*14*
2500	20.9	+ 3 0	9.0	8.66	08	2	20	..
“	“	“ “	“	8.74	09	2	“	..
2427	21.1	+ 2 15	9.5	11.28	01	3	9	..
2501	21.2	+ 3 21	9.5	10.59	01	3	9	..
2465	21.3	+ 4 1	9.0	8.79	08	2	20	..
“	“	“ “	“	8.90	09	2	“	..
2789	21.3	+ 0 31	9.5	10.79	01	3	9	..
2502	21.7	+ 3 33	7.5	6.53	08	1	20	*34*
“	“	“ “	“	6.28	09	2	“	*09*
2503	21.7	+ 3 32	8.0	7.65	08	2	20	..
“	“	“ “	“	7.38	09	2	“	..
2428	21.8	+ 1 50	9.5	10.40	01	3	9	..
2467	21.9	+ 4 4	9.5	10.28	01	3	9	..
2091	22.2	+44 43	8.8	9.17	10	4	1	05
1925	22.5	+45 33	9.0	10.00	10	4	7	..
1926	22.5	+45 26	6.8	6.90	10	4	7	*04*
1927	22.5	+45 7	6.8	6.75	10	4	7	11
2505	22.8	+ 3 22	8.2	7.54	08	2	20	..
“	“	“ “	“	7.34	09	2	“	..
2442	22.8	− 1 9	7.1	6.61	08b	3	12	*33*
“	“	“ “	“	6.42	08c	3	“	*14*
2506	23.3	+ 3 20	8.2	7.25	08r	3	R	..
“	“	“ “	“	7.70	08b	2	19	..
“	“	“ “	“	7.14	09	2	20	..
1929	23.4	+45 42	8.4	8.84	10	4	7	..
1930	24.0	+44 53	8.6	9.15	10	4	1	07
2573	24.4	+ 0 46	9.0	9.22	08	2	8	27
1932	24.6	+45 13	8.6	9.47	10	4	7	..
1880	25.0	+47 12	6.8	6.17	08b	3	12	32
“	“	“ “	“	6.36	08c	3	“	13
1952	25.5	+48 29	6.5	6.22	08b	3	12	16
“	“	“ “	“	6.21	08c	3	“	17
2795	25.6	+ 0 15	9.5	10.71	01	3	9	..
2484	25.9	+ 4 15	9.5	10.57	01	3	9	..
2438	26.1	+ 2 7	9.3	10.26	01	3	9	..
2575	26.1	+ 1 37	9.3	10.53	01	3	9	..
1935	26.2	+45 22	8.0	8.78	10	4	7	..
647	26.5	+67 53	9.1	9.64	09	4	7	..
2515	26.5	+ 3 33	9.5	10.06	01	3	9	..
613	26.6	+69 34	8.8	8.29	09	6	1	05
1936	26.7	+44 47	9.3	9.85	10	4	1	02
615	27.1	+69 30	9.0	8.39	09	6	1	00
2179	27.1	+29 37	7.5	7.79	08	2	1	02
“	“	“ “	“	7.81	08b	2	“	00
“	“	“ “	“	7.81	09	4	“	00
3250	27.7	− 7 16	6.3	6.26	08b	3	12	*09*
“	“	“ “	“	6.13	08c	3	“	04

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2492	11 28.2	+ 4 42	8.8	8.89	01	3	1	02
“	“	“ “	“	8.88	01g	3	“	03
651	28.4	+68 27	9.5	9.68	09	4	7	..
2493	28.4	+ 4 18	9.5	10.57	01	4	9	..
2195	28.6	+37 23	7.2	6.35	08b	3	12	*02*
“	“	“ “	“	6.37	08c	3	“	*04*
2496	29.2	+ 4 40	9.0	9.10	01	3	1	*05*
“	“	“ “	“	9.21	01g	3	“	*16*
2448	29.3	+ 2 19	9.5	10.82	01	3	9	..
447	29.4	+74 46	9.0	9.02	03	2	1	05
2175	29.8	+29 59	8.6	9.00	08	1	18	..
“	“	“ “	“	8.39	08b	1	“	..
“	“	“ “	“	9.12	09	4	“	..
2331	29.9	+20 59	6.5	6.49	08b	3	12	*05*
“	“	“ “	“	6.56	08c	3	“	*12*
2522	30.0	+ 3 24	9.3	9.48	01	3	9	..
2183	30.2	+29 43	9.4	10.42	08	1	25	..
“	“	“ “	“	10.82	08b	1	“	..
2584	30.2	+ 1 43	9.5	10.79	01	3	9	..
3404	30.3	−14 8	9.7	10.60	05	6	25	..
2808	30.5	+ 0 31	9.5	10.97	01	3	9	..
671	30.6	+69 49	9.2	9.11	09	6	1	*22*
3406	30.6	−13 55	8.6	8.87	07	3	17	..
“	“	“ “	“	9.23	07b	3	“	..
2586	30.7	+ 0 45	8.9	8.76	07	1	8	*22*
“	“	“ “	“	8.69	08	3	“	*15*
3407	30.7	−14 2	8.5	8.60	05	8	24	..
“	“	“ “	“	8.72	05b	4	“	..
2809	31.0	− 0 8	9.0	9.15	01	3	1	20
“	“	“ “	“	9.15	01g	3	“	20
2810	31.0	+ 0 43	9.4	10.22	07	1	8	..
..	31.2	+ 0 45	..	11.83	07	1	8	..
3202	31.6	− 9 15	4.4	4.81	03b	3	13	00
“	“	“ “	“	4.86	03c	3	“	*05*
2458	31.8	− 0 16	4.7	4.42	03b	2	13	05
“	“	“ “	“	4.40	03c	3	“	07
653	32.6	+68 43	8.8	8.64	09	4	7	..
..	32.6	+ 0 43	..	11.79	08	2	8	..
454	33.0	+75 37	9.0	9.26	03	3	7	06
“	“	“ “	“	9.43	03g	3	“	*11*
2523	33.0	+ 9 26	6.8	6.33	08b	4	12	22
“	“	“ “	“	6.36	08c	4	“	19
2506	33.0	+ 4 16	9.3	9.85	01	3	9	..
2112	33.2	+44 38	9.1	9.50	10	4	1	*08*
2525	33.2	+ 3 18	9.5	11.19	01	3	9	..
2546	33.3	− 1 53	6.7	6.48	08b	4	12	*23*
“	“	“ “	“	6.50	08c	4	“	*25*
455	33.6	+75 35	7.8	8.18	03	3	7	*01*
“	“	“ “	“	8.13	03g	3	“	04
2455	33.6	+ 2 41	9.5	10.70	01	3	9	..
470	11 33.9	+74 25	7.8	8.16	03	1	11	21
9867	34.0	−24 9	6.5	6.85	08b	3	12	*46*
“	“	“ “	“	6.82	08c	3	“	*43*
..	34.2	+ 0 46	..	12.30	08	2	8	..
2456	34.3	+ 1 57	9.5	9.83	01	3	9	..
2816	34.3	+ 0 30	9.4	10.29	01	3	9	..
655	34.4	+67 58	9.0	8.94	09	4	7	..
..	34.7	+ 0 46	..	11.92	08	2	8	..
620	34.8	+69 34	8.5	8.44	09	6	1	00
..	34.9	+ 0 41	..	11.48	08	2	8	..
1331	35.0	+58 31	6.3	6.30	08b	3	12	*20*
“	“	“ “	“	6.24	08c	3	“	*14*
622	35.7	+69 30	8.7	7.97	09	6	1	12
657	35.7	+68 1	9.4	9.23	09	4	7	..
..	35.7	+ 0 41	..	12.20	08	2	8	..
2821	35.8	− 0 7	7.2	7.20	01	3	1	*07*
“	“	“ “	“	7.07	01g	3	“	06
..	36.8	+ 0 45	..	12.50	08	2	8	..
2117	36.9	+44 42	8.5	8.99	08	3	18	*37*
“	“	“ “	“	8.72	08b	2	“	*10*
“	“	“ “	“	8.90	09	2	“	*28*
2375	37.0	+22 46	6.5	6.64	08br	4	12	*02*
“	“	“ “	“	6.46	08c	4	“	16
2455	37.4	+39 45	9.2	9.64	09	4	1	13
2515	37.4	+ 4 19	9.5	11.04	01	3	9	..
543	37.5	+72 40	9.1	9.46	09	4	7	..
2824	37.5	+ 0 40	9.5	10.65	08	2	8	..
2464	37.6	+39 41	9.2	9.98	09	4	1	*21*
2603	37.7	+ 1 26	9.5	11.31	01	3	9	..
2468	37.8	+ 2 20	9.5	10.99	01	3	9	..
2825	37.9	+ 0 27	9.4	10.74	01	3	9	..
2542	38.1	+ 3 30	9.3	9.79	01	3	9	..
2826	38.2	+ 0 44	7.7	7.57	07	1	8	22
..	39.0	+72 50	..	12.13	09	4	7	..
..	39.0	+ 0 40	..	11.38	08	2	8	..
2465	39.1	+39 34	7.8	8.77	09	4	1	00
..	39.3	+72 47	..	13.06	09	4	7	..
..	39.6	+72 46	..	10.93	09	4	7	..
3460	39.7	−17 48	5.0	4.82	03b	3	13	08
“	“	“ “	“	5.28	03c	3	“	*38*
2831	39.9	+ 0 1	7.6	7.32	01	3	1	03
“	“	“ “	“	7.37	01g	4	“	*02*
..	40.1	+72 47	..	12.78	09	4	7	..
545	40.2	+72 38	8.8	8.93	07	3	17	..
“	“	“ “	“	8.79	07b	3	“	..
“	“	“ “	“	8.63	09	4	7	..
..	40.3	+ 0 45	..	12.35	08	2	8	..
534	40.6	+72 48	9.5	10.12	03	12	7	..
“	“	“ “	“	10.05	09	4	“	..
2479	40.7	+ 7 5	4.3	4.37	03b	1	13	*17*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	11 40.7	+ 7 5	4.3	4.01	03c	3	13	19
"	"	" "	"	4.35	03d	2	"	*15*
1966	40.8	+48 20	4.0	3.80	04c	3	13	05
"	"	" "	"	3.96	04d	3	"	*11*
2525	41.1	+ 4 12	9.5	10.30	01	3	9	..
..	41.2	+72 55	..	10.52	09	4	7	..
2478	41.2	+ 2 13	9.5	10.67	01	3	9	..
2551	41.6	+ 3 26	9.5	10.02	01	3	9	..
2378	41.7	+15 33	8.0	7.70	08	1	19	..
"	"	" "	"	8.16	08b	1	"	..
"	"	" "	"	7.77	10	6	"	..
2834	41.7	+ 0 5	9.4	10.72	01	3	9	..
..	41.8	+72 41	..	11.68	09	4	7	..
..	42.1	+ 0 41	..	12.58	08	2	8	..
2837	42.2	+ 0 39	9.0	9.85	08	4	8	04
2481	42.3	+ 2 35	8.4	9.05	08	1	19	..
"	"	" "	"	9.35	08b	1	"	..
"	"	" "	"	8.79	10	6	"	..
..	42.5	+72 41	..	10.74	09	4	7	..
2611	42.5	+ 1 10	9.5	10.40	01	3	9	..
..	42.5	+ 0 46	..	11.75	08	2	8	..
675	42.8	+69 52	9.2	9.20	10	4	1	14
2358	42.8	+20 46	4.0	4.66	03b	3	13	*12*
"	"	" "	"	4.58	03c	3	"	*04*
3355	43.0	−16 2	9.3	10.37	03	1	25	..
..	43.1	+ 0 45	..	11.78	08	2	8	..
3356	43.1	−16 0	7.3	7.77	03	1	25	09
2383	44.0	+15 8	2.0	2.28	03c	2	13	*05*
"	"	" "	"	1.90	03d	3	"	33
2283	44.7	+38 27	9.2	9.75	09	4	20	..
2486	44.7	+ 2 8	9.3	10.12	01	3	9	..
2528	44.9	+ 4 37	9.0	9.52	01	4	1	*07*
"	"	" "	"	9.60	01g	4	"	*15*
2471	45.0	+39 21	7.8	8.72	09	4	1	02
2619	45.3	+ 1 34	9.1	9.52	01	3	9	..
2284	45.5	+37 54	9.3	10.19	09	4	20	..
2489	45.5	+ 2 20	3.3	3.82	01i	3	1	*02*
"	"	" "	"	3.64	03c	3	13	16
"	"	" "	"	3.66	03d	3	"	14
2564	45.7	+ 3 17	9.5	10.62	01	3	9	..
2849	45.8	+ 0 18	9.4	11.00	01	2	9	..
"	"	" "	"	11.04	02	1	"	..
..	46.0	+38 59	..	10.55	09	4	20	..
2136	46.1	+44 40	8.9	9.11	04	3	1	33
2474	46.3	+38 57	9.5	10.64	09	4	20	..
3190	46.3	−11 38	6.3	6.55	08b	4	12	*33*
"	"	" "	"	6.36	08c	2	"	*14*
3155	46.7	− 5 12	8.0	8.32	06	6	1	33
460	47.1	+75 30	9.0	9.23	03	2	1	*11*
1970	47.1	+44 47	8.5	8.74	04	3	1	30
	h. m.	° ′						
2387	11 47.3	+15 1	8.5	9.15	08	2	19	..
"	"	" "	"	9.34	08b	2	"	..
474	47.8	+74 22	9.0	8.69	03	1	11	..
2286	47.9	+38 7	9.3	9.52	09	4	20	..
2287	48.2	+38 42	9.5	10.00	09	4	20	..
1475	48.6	+54 15	2.5	2.57	04c	3	13	*03*
"	"	" "	"	2.54	04d	3	"	00
..	48.6	+38 1	..	10.64	09	2	25	..
2624	48.7	+ 1 7	6.8	6.30	08b	4	12	10
"	"	" "	"	6.25	08c	4	"	15
2288	48.9	+38 29	8.5	8.83	09	4	20	..
2475	49.5	+39 49	9.0	9.54	09	4	1	06
2856	49.6	+ 0 7	9.5	10.52	01	2	9	..
"	"	" "	"	10.91	02	1	"	..
2571	49.8	+ 3 13	9.5	11.39	01	2	9	..
"	"	" "	"	11.63	02	1	"	..
2290	49.9	+38 19	9.4	10.54	09	4	20	..
2493	49.9	+ 1 52	8.5	8.26	08	2	19	..
"	"	" "	"	8.75	08b	2	"	..
2858	49.9	+ 0 0	8.3	8.35	08	2	18	..
"	"	" "	"	8.58	08b	1	"	..
"	"	" "	"	8.48	09	2	"	..
2230	50.0	+37 20	6.5	6.50	08b	3	12	04
"	"	" "	"	6.64	08c	3	"	*10*
2627	50.0	+ 1 8	9.2	10.59	01	2	9	..
"	"	" "	"	10.75	02	1	"	..
2545	50.1	+ 4 29	9.5	10.14	01	2	9	..
"	"	" "	"	10.53	02	1	"	..
2494	50.2	+ 2 41	9.5	10.19	01	1	9	..
"	"	" "	"	10.52	02	1	"	..
369	50.6	+79 51	9.5	9.19	99	1	25	..
678	50.6	+69 47	9.5	9.59	10	4	1	00
2552	52.8	+ 4 33	9.5	9.98	01	2	9	..
"	"	" "	"	9.82	02	1	"	..
2632	52.9	+ 1 42	9.5	11.07	01	2	9	..
"	"	" "	"	11.06	02	1	"	..
2174	53.0	+32 50	6.7	6.06	08b	3	12	24
"	"	" "	"	6.31	08c	3	"	*01*
3174	53.0	− 5 12	9.0	9.93	06	6	1	*13*
464	53.4	+74 53	9.5	9.96	03	6	11	..
2580	53.8	+ 3 17	9.5	10.90	01	2	9	..
"	"	" "	"	11.14	02	1	"	..
2498	53.9	+ 2 11	9.3	9.64	01	2	9	..
"	"	" "	"	9.94	02	1	"	..
2636	53.9	+ 1 5	6.8	6.54	08b	4	12	*06*
"	"	" "	"	6.51	08c	4	"	*03*
2872	54.2	+ 0 23	9.3	9.69	01	2	9	..
"	"	" "	"	9.72	02	1	"	..
635	54.5	+69 36	8.9	9.07	10	4	1	07
465	54.8	+74 47	9.4	9.62	03	6	1	*30*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
A	11	54.8	+74	47	9.4	9.53	05	4	1	*21*
“		“	“	“	“	9.61	05b	2	“	*29*
“		“	“	“	“	9.52	06	4	“	*20*
“		“	“	“	“	9.42	07	4	“	*10*
“		“	“	“	“	9.69	07b	3	“	*37*
2875		55.3	− 0	8	8.7	8.92	01	2	1	11
“		“	“	“	“	8.88	01g	2	“	15
“		“	“	“	“	9.21	02	1	“	*18*
“		“	“	“	“	8.94	02g	1	“	09
“		“	“	“	“	8.98	08	2	“	05
“		“	“	“	“	9.24	08b	2	“	*21*
“		“	“	“	“	9.22	09	2	“	*19*
2558		55.4	+ 4	39	8.4	8.17	01	3	1	23
“		“	“	“	“	8.08	01g	2	“	32
“		“	“	“	“	8.28	02	2	1	12
“		“	“	“	“	8.34	02g	2	“	06
3443		55.6	−21	16	6.2	6.71	08b	4	12	*29*
“		“	“	“	“	6.88	08c	2	“	*46*
2502		55.7	+ 7	10	4.5	4.44	03b	3	13	13
“		“	“	“	“	4.78	03c	3	“	*21*
..		56.8	+74	59	..	12.05	03	6	11	..
3405		57.2	− 5	17	8.9	9.46	06	6	1	*06*
2882		57.4	+ 0	44	9.0	9.84	01	2	9	*05*
“		“	“	“	“	10.01	02	1	“	*22*
“		“	“	“	“	9.88	08	1	8	*09*
2507		57.5	+ 2	12	9.3	9.86	01	2	9	..
“		“	“	“	“	9.93	02	1	“	..
2575		57.8	+ 9	23	9.4	9.36	07	3	17	39
“		“	“	“	“	9.76	07b	1	“	*01*
3499		57.8	− 7	7	6.3	6.25	04	6	3	21
“		“	“	“	“	6.57	08b	3	12	*11*
“		“	“	“	“	6.85	08c	3	“	*39*
481		57.9	+74	38	9.5	10.18	03	7	11	..
3189		57.9	− 4	43	8.7	9.37	06	7	3	..
1988		58.0	+44	46	9.5	10.59	04	6	11	..
3190		58.0	− 4	42	9.3	9.96	06	6	3	..
3191		58.1	− 4	57	10	11.99	06	6	3	..
2251		58.2	+29	41	8.0	8.22	08	4	18	24
“		“	“	“	“	8.43	08b	3	“	03
2372		58.3	+ 9	49	8.6	8.55	10	4	1	*13*
3192		58.5	− 4	55	7.2	7.17	04	6	3	03
“		“	“	“	“	7.12	04b	3	“	08
1989		58.6	+44	47	9.5	10.54	04	6	11	..
2565		58.6	+ 4	44	9.5	9.86	01	2	9	..
“		“	“	“	“	9.95	02	1	“	..
2591		58.7	+ 3	31	9.5	10.72	01	2	9	..
“		“	“	“	“	10.65	02	1	“	..
2417		58.8	+12	24	9.3	10.32	10	4	7	..
2643		58.9	+ 1	35	9.5	10.72	01	2	9	..
“		“	“	“	“	11.00	02	1	“	..
3194	11	59.0	− 4	57	9.6	10.42	06	6	3	..
1991		59.1	+45	0	8.0	8.38	04	12	11	..
..		59.1	+12	52	..	11.42	10	4	7	..
..		59.3	+45	5	..	12.60	04	6	11	..
3196		59.3	− 5	12	9.8	11.10	06	6	3	..
..		59.4	+45	7	..	11.88	04	6	11	..
..		59.6	+12	55	..	12.10	10	4	7	..
2648		59.6	+ 0	47	9.0	8.98	08	1	8	26
2419		59.7	+12	37	9.3	11.09	10	4	7	..
3413		59.7	− 5	38	8.9	9.15	04	7	3	..
“		“	“	“	“	9.44	06	6	“	..
1992		59.8	+45	29	9.5	10.65	04	6	11	..
..		59.8	+44	56	..	12.85	04	6	11	..
..		59.8	+13	2	..	11.34	10	4	7	..
2579		59.8	+ 9	43	9.0	9.32	10	4	1	*15*
3231		59.8	− 3	15	9.5	10.59	07	3	17	..
“		“	“	“	“	11.24	07b	1	“	..
..		59.9	+12	44	..	11.44	10	4	7	..
2375		59.9	+ 9	48	8.2	8.25	10	4	1	*07*
3201		59.9	− 4	57	9.5	10.84	06	6	3	..
466	12	0.1	+75	35	9.1	9.14	03	6	11	..
2583		0.1	+ 9	18	4.2	4.28	03b	2	13	*04*
“		“	“	“	“	4.31	03c	3	“	*07*
“		“	“	“	“	4.45	03d	1	“	*21*
..		0.2	+45	3	..	12.16	04	6	11	..
..		0.2	+44	57	..	12.37	04	7	11	..
2158		0.3	+44	3	9.3	10.68	04	1	11	..
2571		0.4	+ 4	31	9.0	9.40	01	2	9	50
“		“	“	“	“	9.58	02	1	“	32
1994		0.5	+44	48	9.0	9.84	04	6	1	*27*
“		“	“	“	“	9.68	05	4	“	*11*
“		“	“	“	“	9.92	05b	2	“	*35*
“		“	“	“	“	9.76	07	3	“	*19*
“		“	“	“	“	9.91	07b	3	“	*34*
1995		0.5	+44	52	9.3	10.46	04	6	11	..
2159		0.5	+44	44	8.5	9.44	04	6	1	*37*
“		“	“	“	“	9.30	05	4	“	*23*
“		“	“	“	“	9.22	05b	2	“	*15*
“		“	“	“	“	9.36	07	3	“	*29*
“		“	“	“	“	9.42	07b	3	“	*35*
2596		0.5	+ 3	16	9.4	10.90	01	2	9	..
“		“	“	“	“	10.64	02	1	“	..
3416		0.5	− 5	17	6.7	6.73	04	6	3	11
2160		0.6	+44	37	8.3	8.90	04	6	1	*03*
“		“	“	“	“	8.97	05	4	“	*10*
“		“	“	“	“	8.85	05b	2	“	02
“		“	“	“	“	8.90	07	3	“	*03*
“		“	“	“	“	8.56	07b	3	“	31
3203		0.6	− 5	8	8.5	9.04	06	6	3	*04*
3419		0.7	− 5	18	8.0	7.48	04	6	3	12

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
A	12	0.7	− 5	18	8.0	7.53	04b	3	3	07
“		“	“	“	“	7.69	06	6	3	*09*
3420		0.7	− 5	59	8.8	8.69	04	5	3	. .
“		“	“	“	“	8.85	07	3	17	. .
“		“	“	“	“	9.09	07b	1	“	. .
. .		0.8	+13	1	. .	11.75	10	4	7	. .
1996		1.0	+44	57	7.8	8.40	04	6	1	07
“		“	“	“	“	8.27	05	4	“	20
“		“	“	“	“	8.38	05b	2	“	09
“		“	“	“	“	8.36	07	3	“	11
“		“	“	“	“	8.20	07b	3	“	27
. .		1.1	+75	14	. .	12.58	03	6	11	. .
. .		1.1	+11	9	. .	11.42	05	6	25	. .
2893		1.2	+ 0	27	9.0	9.06	01	2	9	. .
“		“	“	“	“	9.26	02	1	“	. .
2488		1.3	+13	5	8.5	8.51	10	4	7	. .
2650		1.3	+ 1	23	9.5	10.81	01	2	9	. .
“		“	“	“	“	10.77	02	1	“	. .
3462		1.3	− 3	0	9.5	10.91	07	3	17	. .
“		“	“	“	“	11.04	07b	1	“	. .
2490		1.4	+12	59	8.9	8.92	10	4	7	. .
3421		1.5	− 5	19	9.4	10.14	06	6	3	. .
467		1.6	+75	14	8.6	8.52	03	6	1	10
“		“	“	“	“	8.63	05	4	“	*01*
“		“	“	“	“	8.48	05b	2	“	14
“		“	“	“	“	8.70	06	4	“	*08*
“		“	“	“	“	8.48	07	3	“	14
“		“	“	“	“	8.46	07b	3	“	16
. .		1.6	+11	9	. .	10.61	05	12	24	. .
3422		1.7	− 6	8	8.7	9.04	04	6	3	. .
3403		1.8	−10	21	9.5	9.82	00	3	1	*06*
2514		2.0	+ 2	13	9.5	9.86	01	2	9	. .
“		“	“	“	“	9.88	02	1	“	. .
3423		2.1	− 5	31	7.8	7.60	04	6	3	*05*
. .		2.2	+74	53	. .	11.95	06	6	11	. .
2161		2.2	+44	40	9.2	10.50	04	6	11	. .
3426		2.2	− 6	10	10	11.28	04	6	3	. .
3434		2.2	−10	11	8.3	8.24	00	3	1	*13*
645		2.3	+69	38	7.8	8.10	10	4	1	*19*
2895		2.7	+ 0	37	9.5	10.71	08	1	8	. .
3430		2.7	− 5	55	9.3	9.78	04	6	3	. .
3345		2.7	− 7	56	7.0	7.61	04	3	1	*17*
“		“	“	“	“	7.58	04b	3	“	*14*
3431		2.9	− 6	10	9.5	9.92	04	6	3	. .
3239		3.1	− 3	44	7.2	7.64	04	3	1	*04*
“		“	“	“	“	7.63	04b	3	“	*03*
468		3.2	+74	56	9.5	10.10	03	6	11	. .
. .		3.3	+ 0	42	. .	12.56	08	1	8	. .
2899		3.3	+ 0	34	9.2	9.62	08	1	8	. .
10174		3.3	−24	10	4.2	4.51	03b	2	13	*33*
A	12	3.3	−24	10	4.2	4.62	03c	3	13	*44*
“		“	“	“	“	4.41	03d	1	“	*23*
3214		3.4	− 5	12	9.2	9.60	00	3	1	20
3432		3.5	− 5	17	9.2	9.49	00	3	1	06
2578		3.6	+ 4	39	9.0	9.30	01	1	1	15
“		“	“	“	“	9.53	01g	1	“	*08*
“		“	“	“	“	9.19	02	1	“	26
“		“	“	“	“	9.36	02g	1	“	09
. .		3.7	+74	53	. .	13.14	06r	6	11	. .
2579		3.8	+ 4	37	9.5	9.23	01	1	25	. .
“		“	“	“	“	9.42	01g	1	“	. .
2428		4.2	+11	51	8.0	8.73	08	4	19	. .
“		“	“	“	“	8.62	08b	2	“	. .
2902		4.3	− 0	13	7.7	8.00	01	2	1	*22*
“		“	“	“	“	7.67	01g	2	“	11
“		“	“	“	“	7.92	02	1	“	*14*
“		“	“	“	“	7.94	02g	1	“	*16*
. .		4.6	+74	58	. .	11.71	06	6	11	. .
. .		4.6	+74	56	. .	11.60	06	6	11	. .
3219		4.7	− 4	40	6.8	7.30	04	6	3	*09*
“		“	“	“	“	7.18	04b	3	“	03
2607		4.8	+ 3	22	9.5	10.16	01	2	9	. .
“		“	“	“	“	9.98	02	1	“	. .
469		4.9	+75	13	6.7	6.69	03	1	11	*33*
3487		5.0	−22	4	2.5	3.19	03c	3	13	02
“		“	“	“	“	3.57	03d	3	“	*36*
1513		5.3	+54	52	9.0	9.46	06	6	1	*05*
2608		5.4	+ 2	56	9.5	9.98	01	2	9	. .
“		“	“	“	“	9.81	02	1	“	. .
2662		5.7	+ 1	13	9.5	11.46	01	2	9	. .
“		“	“	“	“	11.28	02	1	“	. .
2905		5.7	+ 0	32	9.5	11.02	01	2	9	. .
“		“	“	“	“	11.02	02	1	“	. .
3452		6.0	−10	9	8.8	8.90	00	3	1	*14*
“		“	“	“	“	8.80	09	4	“	*04*
3444		6.2	− 5	22	8.0	8.07	00	3	1	11
1381		6.3	+59	51	8.7	9.70	01	1	1	*04*
“		“	“	“	“	9.60	02	2	“	06
“		“	“	“	“	9.79	06	4	“	*13*
2582		6.3	+ 4	22	9.5	10.79	01	2	9	. .
“		“	“	“	“	11.11	02	1	“	. .
. .		6.3	+ 0	40	. .	12.06	08	1	8	. .
3456		6.4	−10	11	9.0	9.36	00	3	1	*15*
“		“	“	“	“	9.36	09	4	“	*15*
2002		6.5	+44	49	9.0	9.83	04	3	1	24
“		“	“	“	“	9.83	05	4	“	24
“		“	“	“	“	9.70	05b	2	“	37
“		“	“	“	“	9.65	07	3	“	42
“		“	“	“	“	9.96	07b	3	“	11
2245		6.5	+36	40	9.0	9.45	09	4	25	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2246	12 6.5	+36 39	8.5	8.76	09	4	25	..
1359	6.8	+57 37	6.5	6.49	08b	3	12	04
“	“	“ “	“	6.60	08c	3	“	*07*
2388	6.9	+ 9 52	8.4	8.27	10	4	1	15
..	6.9	+ 0 40	..	11.84	08	1	8	..
2564	7.2	+ 6 25	8.0	7.51	05	3	22	..
“	“	“ “	“	7.69	05b	3	“	..
..	7.5	+ 0 41	..	11.20	08	1	8	..
..	7.6	+ 0 43	..	11.60	08	1	8	..
651	7.8	+69 28	9.4	9.73	99	1	25	..
2439	8.1	+11 24	8.0	7.62	08	3	19	..
“	“	“ “	“	7.81	08b	3	“	..
2588	8.5	+ 4 31	8.8	8.80	01	2	1	*10*
“	“	“ “	“	8.76	01g	2	“	*06*
“	“	“ “	“	9.06	02	1	“	*36*
“	“	“ “	“	8.79	02g	1	“	*09*
2669	8.7	+ 1 24	9.2	9.90	01	2	9	..
“	“	“ “	“	9.99	02	1	“	..
269	8.8	+84 4	7.5	8.09	00	3	1	02
“	“	“ “	“	8.06	01	1	“	05
2606	8.8	+ 9 40	8.9	8.86	10	4	1	16
..	9.3	+ 0 45	..	12.65	08	1	8	..
..	9.3	− 5 43	..	12.25	00	6	5	..
2913	9.6	+ 0 38	9.2	10.06	08	1	8	..
..	9.7	− 5 35	..	12.24	00	6	5	..
..	9.8	− 5 37	..	12.21	00	6	5	..
2914	9.9	− 0 9	8.7	8.87	01	3	1	*14*
“	“	“ “	“	8.88	01g	3	“	*15*
“	“	“ “	“	8.80	02	1	“	*07*
“	“	“ “	“	8.74	02g	1	“	*01*
..	10.1	− 5 26	..	11.46	00	6	5	..
1431	10.2	+59 30	8.4	8.42	99	1	25	..
2916	10.3	+ 0 17	9.0	9.26	01	2	9	..
“	“	“ “	“	9.03	01g	1	“	..
“	“	“ “	“	9.07	02	1	“	..
..	10.3	− 5 43	..	11.62	00	6	5	..
3459	10.4	− 5 23	8.5	8.33	00	3	1	*02*
1363	10.5	+57 35	3.3	3.24	04c	3	13	20
“	“	“ “	“	3.42	04d	3	“	02
2592	10.5	+ 4 21	9.5	10.26	01	1	9	..
“	“	“ “	“	10.32	02	1	“	..
2442	10.6	+11 25	8.3	8.57	08	3	19	..
“	“	“ “	“	8.67	08b	3	“	..
3322	10.6	−22 47	6.8	7.07	08b	3	12	*65*
“	“	“ “	“	7.19	08c	3	“	*77*
2396	10.7	+ 9 54	8.9	9.20	08	3	1	*18*
“	“	“ “	“	9.26	08b	3	“	*24*
3424	10.7	−16 59	2	2.59	03c	3	13	19
“	“	“ “	“	2.55	03d	3	“	23
549	11.0	+73 7	6.5	6.46	08b	6	12	09
	h. m.	° ′						
A	12 11.0	+73 7	6.5	6.40	08c	2	12	15
2524	11.0	+ 2 31	9.3	9.94	01	1	9	..
“	“	“ “	“	10.12	01g	1	“	..
“	“	“ “	“	9.99	02	1	“	..
655	11.1	+69 43	9.2	9.18	10	4	7	06
3464	11.1	− 5 38	9.5	10.10	00	10	5	..
656	11.2	+69 38	9.4	9.96	10	4	7	..
2619	11.4	+ 3 13	9.5	10.44	01	1	9	..
“	“	“ “	“	10.72	01g	1	“	..
“	“	“ “	“	10.55	02	1	“	..
..	11.4	+ 0 42	..	11.97	08	1	8	..
2483	11.5	+14 41	9.0	10.01	08	2	1	*12*
“	“	“ “	“	10.18	08b	2	“	*29*
“	“	“ “	“	10.00	09	2	“	*11*
..	12.1	+ 0 45	..	10.65	08	1	8	..
2177	12.5	+44 34	7.8	8.02	04	3	1	25
2441	12.5	+15 0	8.2	8.22	08	2	18	..
“	“	“ “	“	8.51	08b	2	“	..
“	“	“ “	“	8.12	09	2	“	..
1389	12.6	+59 48	8.7	9.47	01	1	1	*16*
“	“	“ “	“	9.04	02	2	“	27
“	“	“ “	“	9.28	06	4	“	03
691	12.7	+70 15	8.0	8.10	10	4	7	..
2442	12.7	+15 42	7.0	6.51	08b	5	12	02
“	“	“ “	“	6.48	08c	5	“	05
692	12.8	+69 48	9.5	9.68	10	4	7	..
..	12.9	+70 9	..	10.84	10	4	7	..
3596	13.1	−18 9	8.3	9.24	02	6	25	*29*
“	“	“ “	“	9.42	02g	6	“	*47*
693	13.5	+70 40	8.8	8.74	10	4	7	..
2021	13.5	+44 54	9.0	9.59	04	3	1	08
2350	13.5	+30 49	6.5	6.14	08b	3	12	00
“	“	“ “	“	6.04	08c	3	“	10
1524	13.7	+55 10	7.8	8.30	06	6	1	*14*
3489	13.8	−15 13	8.2	8.89	08	5	18	*23*
“	“	“ “	“	8.88	08b	1	“	*22*
3321	13.9	− 8 49	8.8	9.27	09	4	3	..
658	14.0	+69 11	9.3	10.06	10	4	7	..
2326	14.0	+26 34	6.6	6.17	08b	4	12	22
“	“	“ “	“	6.32	08c	4	“	07
2627	14.0	+ 3 19	9.5	10.37	01	1	9	..
“	“	“ “	“	10.22	01g	1	“	..
“	“	“ “	“	9.99	02	1	“	..
2683	14.0	+ 1 22	9.3	10.39	01	1	9	..
“	“	“ “	“	10.20	01g	1	“	..
“	“	“ “	“	10.15	02	1	“	..
2923	14.1	+ 0 25	9.5	10.52	01	1	9	..
“	“	“ “	“	10.63	01g	1	“	..
“	“	“ “	“	10.28	02	1	“	..
..	14.2	− 8 27	..	11.10	09	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3250	12 14.3	− 5 12	8.8	8.79	00	3	1	06
2530	14.4	+ 2 31	9.5	10.16	01	1	9	..
“	“	“ “	“	10.37	01g	1	“	..
“	“	“ “	“	10.26	02	1	“	..
3324	14.4	− 8 30	9.3	10.10	09	4	3	..
3368	14.5	−18 39	7.8	8.41	07	7	6	00
2601	14.6	+ 4 25	9.5	10.74	01	1	9	..
“	“	“ “	“	10.85	01g	1	“	..
“	“	“ “	“	10.39	02	1	“	..
1525	14.7	+54 48	8.8	8.97	06	6	1	*01*
2926	14.8	− 0 7	3.2	3.96	03c	3	13	04
“	“	“ “	“	3.99	03d	3	“	01
..	14.9	− 8 24	..	12.50	09	4	3	..
3483	15.1	−10 14	8.5	8.52	00	3	1	*01*
“	“	“ “	“	8.42	09	4	“	09
..	15.1	−18 40	..	11.72	07	4	6	..
2025	15.2	+44 52	8.9	9.92	04	3	1	*20*
3328	15.2	− 8 30	9.5	10.74	09	4	3	..
..	15.2	−18 39	..	12.34	07	4	6	..
2329	15.3	+26 34	6.3	6.10	08b	4	12	01
“	“	“ “	“	6.05	08c	4	“	06
2592	15.6	+18 21	4.5	4.80	03b	3	13	11
“	“	“ “	“	5.00	03c	3	“	*09*
..	15.6	− 8 28	..	11.78	09	4	3	..
3466	15.6	−18 20	8.5	8.86	07	4	6	..
..	15.6	−18 35	..	12.97	07	4	6	..
..	15.7	− 8 28	..	11.46	09	4	3	..
..	15.8	− 8 23	..	12.06	09	4	3	..
660	15.9	+69 15	9.3	9.86	09	4	7	..
3451	15.9	−10 21	9.2	9.61	00	3	1	*10*
“	“	“ “	“	9.69	09	4	“	*18*
3331	16.0	− 8 26	8.9	8.75	09	4	3	..
3485	16.0	−10 12	9.1	9.24	09	4	1	27
274	16.5	+83 56	7.2	7.78	00	3	1	33
“	“	“ “	“	7.81	01	1	“	30
2533	16.7	+ 2 29	9.0	9.78	01	1	9	..
“	“	“ “	“	10.05	01g	1	“	..
“	“	“ “	“	9.99	02	1	“	..
2688	16.9	+ 1 36	9.0	9.47	01	1	9	..
“	“	“ “	“	9.70	01g	1	“	..
“	“	“ “	“	9.58	02	1	“	..
3334	17.1	− 8 19	9.1	9.42	09	4	3	..
2657	17.2	− 2 14	9.0	8.97	08	3	1	10
2337	17.5	+26 24	5.0	4.74	03b	3	13	04
“	“	“ “	“	4.93	03c	3	“	*15*
2599	17.5	+ 5 52	7.1	6.55	08b	4	12	*09*
“	“	“ “	“	6.58	08c	4	“	*12*
2566	18.0	− 0 23	9.0	9.41	08	4	1	*28*
2637	18.2	+ 3 23	9.3	9.68	01	1	9	..
“	“	“ “	“	9.78	01g	1	“	..
A	12 18.2	+ 3 23	9.3	9.75	02	1	9	..
2936	18.2	+ 0 6	9.3	10.27	01	1	9	..
“	“	“ “	“	10.56	01g	1	“	..
“	“	“ “	“	10.23	02	1	“	..
2689	18.4	+ 1 18	8.5	8.62	08	4	4	..
2612	19.1	+ 4 29	9.5	10.49	01	1	9	..
“	“	“ “	“	11.01	01g	1	“	..
“	“	“ “	“	10.61	02	1	“	..
2690	19.1	+ 0 47	9.0	9.59	08	5	8	05
1626	19.2	+52 7	5.2	4.90	04b	2	13	07
“	“	“ “	“	5.09	04c	3	“	*12*
2691	19.2	+ 1 17	9.0	9.61	07	4	17	..
“	“	“ “	“	9.28	08	4	4	..
2345	19.5	+26 9	6.3	6.34	08b	4	12	*03*
“	“	“ “	“	6.28	08c	4	“	03
2692	19.5	+ 1 0	9.3	10.92	08	4	4	..
2536	19.6	+ 1 56	7.8	7.54	08	4	4	..
..	19.7	+ 1 23	..	11.34	08	4	4	..
894	19.9	+64 40	8.3	8.25	01	1	1	00
“	“	“ “	“	8.37	02	2	“	*12*
..	19.9	+ 1 27	..	13.06	08	2	4	..
..	19.9	+ 1 26	..	13.49	08	1	4	..
895	20.0	+64 35	8.9	9.33	01	1	1	*08*
“	“	“ “	“	9.22	02	2	“	03
..	20.0	+ 1 9	..	11.42	08	4	4	..
..	20.2	+ 1 21	..	12.44	08	2	4	..
..	20.2	+ 1 17	..	12.71	08	3	4	..
276	20.5	+83 59	7.9	8.03	00	3	1	25
“	“	“ “	“	8.31	01	1	“	*03*
2614	20.8	+ 4 45	7.7	7.39	01	3	1	12
“	“	“ “	“	7.33	01g	3	“	18
“	“	“ “	“	7.61	02	1	“	*10*
“	“	“ “	“	7.44	02g	1	“	07
..	20.8	+ 1 24	..	11.66	08	4	4	..
..	20.9	+ 1 21	..	11.80	08	2	4	..
2269	21.1	+29 47	8.9	9.60	05	6	1	06
2616	21.1	+ 4 27	9.5	10.33	01	3	9	..
2696	21.2	+ 1 4	8.3	8.37	08	5	4	..
2540	21.3	+ 2 23	9.0	9.66	01	3	9	..
“	“	“ “	“	9.50	08	1	25	..
2697	21.4	+ 1 32	9.5	10.75	01	3	9	..
“	“	“ “	“	10.51	02	1	“	..
“	“	“ “	“	10.59	08	3	4	..
2943	21.4	+ 0 25	9.0	9.27	01	2	9	..
“	“	“ “	“	9.05	02	1	“	..
697	21.5	+70 15	9.0	8.80	09	4	7	..
662	21.5	+69 40	9.3	9.93	09	4	7	..
2645	21.9	+ 3 14	9.0	9.33	01	2	9	..
“	“	“ “	“	9.31	02	1	“	..
2945	21.9	+ 0 40	8.7	8.96	08	4	1	*07*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								*h. m.*	° ′						
2288	12 22.0	+28 49	4.7	4.21	03c	3	13	35	A	12 27.2	+74 50	9.0	9.09	07	3	1	08
“	“	“ “	“	4.45	03d	3	“	11	“	“	“ “	“	9.29	07b	3	“	*12*
565	22.1	+72 29	6.5	6.46	08b	6	12	*02*	“	“	“ “	“	9.08	09	4	“	09
“	“	“ “	“	6.36	08c	2	“	08	2637	27.7	+ 9 39	9.0	8.80	06	2	1	22
2627	22.4	+ 9 41	9.0	9.76	06	2	1	*19*	473	28.0	+75 22	7.0	7.62	03	3	1	*10*
2669	22.4	− 2 14	9.0	9.29	08	3	1	03	“	“	“ “	“	7.66	05r	2	“	*14*
“	“	“ “	“	9.38	08	2	“	*06*	“	“	“ “	“	6.88	05br	1	“	64
1526	22.5	+54 38	9.1	9.64	06	6	1	12	“	“	“ “	“	7.22	06	4	“	30
2628	22.6	+ 9 10	6.5	6.44	08b	3	12	*02*	“	“	“ “	“	7.49	07	3	“	03
“	“	“ “	“	6.58	08c	3	“	*16*	“	“	“ “	“	7.25	07b	3	“	27
2427	22.9	+ 9 55	9.2	9.46	06	2	1	*09*	*2473*	28.0	+10 50	6.4	6.24	08b	3	12	22
2428	23.0	+ 9 54	9.0	9.44	06	2	1	03	“	“	“ “	“	6.26	08c	3	“	20
2671	23.3	− 2 13	8.8	8.60	08	5	1	22	*3416*	28.1	−19 14	6.2	6.42	08b	3	12	*27*
2279	23.5	+30 9	7.9	8.52	05	6	1	09	“	“	“ “	“	6.39	08c	3	“	*24*
1528	23.7	+54 39	9.0	9.34	06	6	1	07	474	28.2	+75 3	8.7	8.52	03	3	1	05
2138	23.7	+26 47	6.5	6.40	08b	3	12	08	“	“	“ “	“	8.46	05r	3	“	11
“	“	“ “	“	6.50	08c	3	“	*02*	“	“	“ “	“	8.81	05br	1	“	*24*
2547	24.2	+ 2 34	9.3	10.07	01	2	9	. .	“	“	“ “	“	8.48	06	4	“	09
“	“	“ “	“	9.91	02	1	“	. .	“	“	“ “	“	8.67	07	3	“	*10*
. .	24.5	+32 1	. .	12.61	05	6	4	. .	“	“	“ “	“	8.50	07b	3	“	07
2371	24.6	+31 11	8.9	9.23	05	6	4	. .	“	“	“ “	“	8.64	08	4	18	*07*
3482	24.7	−15 58	3	2.71	03c	3	13	40	“	“	“ “	“	8.56	08b	2	“	01
“	“	“ “	“	2.95	03d	3	“	16	“	“	“ “	“	8.76	09	4	1	*19*
3647	24.9	−12 50	6.5	6.67	08b	3	12	*26*	2255	28.4	+32 36	8.4	8.77	05	6	4	. .
“	“	“ “	“	6.69	08c	3	“	*28*	2717	28.6	+ 1 16	9.5	10.36	01	2	9	. .
1446	25.4	+59 19	6.2	6.53	99	3	2	*31*	“	“	“ “	“	9.94	02	1	“	. .
“	“	“ “	“	5.73	09	6	“	49	*2321*	29.0	+41 54	4.5	4.33	04b	3	13	*01*
. .	25.4	+32 8	. .	12.16	05	6	4	. .	“	“	“ “	“	4.34	04c	3	“	*02*
2373	25.4	+31 33	8.7	8.99	05	6	4	. .	2640	29.0	+ 9 28	9.4	8.95	06	1	25	. .
2949	25.4	+ 0 25	9.3	9.84	01	2	9	. .	2667	29.1	+ 3 29	9.5	10.72	01	2	9	. .
“	“	“ “	“	9.84	02	1	“	. .	“	“	“ “	“	10.53	02	1	“	. .
. .	25.5	+31 49	. .	11.94	05	6	4	. .	3401	29.1	−22 51	2	2.95	03c	3	13	*11*
685	25.6	+68 28	9.5	9.56	09	4	7	. .	“	“	“ “	“	2.94	03d	3	“	*10*
2374	25.6	+31 36	9.1	9.85	05	6	4	. .	703	29.2	+70 20	3.3	4.20	05c	1	13	*32*
2705	25.7	+ 1 25	9.3	9.87	01	2	9	. .	“	“	“ “	“	4.09	05d	1	“	*21*
“	“	“ “	“	9.89	02	1	“	. .	. .	29.2	+59 58	. .	11.25	02	6	2	. .
2435	26.0	+ 9 58	8.9	9.49	06	2	1	03	2953	29.4	+ 0 29	9.3	10.41	01	2	9	. .
. .	26.1	+31 51	. .	11.38	05	6	4	. .	“	“	“ “	“	10.27	02	1	“	. .
. .	26.2	+74 38	. .	9.92	03	1	11	. .	1405	29.6	+60 17	8.9	8.86	99	3	2	35
2253	26.2	+31 52	9.4	9.92	05	10	4	. .	“	“	“ “	“	9.16	09	6	“	05
3489	26.9	−15 38	5.0	4.37	03b	3	13	05	. .	29.8	+60 7	. .	12.34	02	6	2	. .
“	“	“ “	“	4.57	03c	3	“	*15*	2301	29.9	+29 38	7.8	8.22	05	6	1	*11*
2626	27.0	+ 4 27	9.0	8.82	01	2	9	. .	2475	29.9	+23 11	4.8	4.58	03b	2	13	20
“	“	“ “	“	9.15	02	1	“	. .	“	“	“ “	“	4.63	03c	3	“	15
2661	27.0	+ 3 30	9.5	11.08	01	2	9	. .	“	“	“ “	“	4.81	03d	1	“	*03*
“	“	“ “	“	10.50	02	1	“	. .	*2621*	30.0	+ 7 59	8.2	8.07	02	4	5	*35*
472	27.2	+74 50	9.0	9.08	03	3	1	09	“	“	“ “	“	7.74	06	2	“	*02*
“	“	“ “	“	8.87	05	3	“	30	2629	30.0	+ 4 35	9.4	9.98	01	2	9	. .
“	“	“ “	“	9.27	05b	1	“	*10*	“	“	“ “	“	9.80	02	1	“	. .
“	“	“ “	“	9.29	06	4	“	*12*	R	30.1	+18 56	R	5.01	03b	3	13	*07*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	12 30.1	+18 56	R	5.10	03c	3	13	*16*
“	“	“ “	“	5.10	03c	3	“	*16*
2490	30.2	+22 26	6.5	5.66	08b	3	12	40
“	“	“ “	“	5.58	08c	3	“	48
357	30.4	+83 7	9.4	10.38	05	10	24	..
“	“	“ “	“	10.46	05b	2	“	..
2303	30.5	+29 23	7.6	8.24	05	6	1	*08*
2556	30.9	+ 2 19	9.5	10.44	01	2	9	..
“	“	“ “	“	10.04	02	1	“	..
..	31.1	+59 48	..	13.38	01	2	2	..
“	“	“ “	“	13.40	02	4	“	..
..	31.2	+60 4	..	12.60	01	2	2	..
“	“	“ “	“	12.46	02	4	“	..
..	31.3	+60 4	..	12.75	99	3	2	..
“	“	“ “	“	12.35	09	6	“	..
2959	31.5	− 0 5	8.8	9.39	01	3	1	*11*
“	“	“ “	“	9.28	01g	3	“	00
“	“	“ “	“	9.27	02	1	“	01
“	“	“ “	“	9.18	02g	1	“	10
..	31.7	+59 50	..	13.31	01	1	2	..
2623	31.8	+ 8 29	8.5	8.98	02	4	5	*11*
“	“	“ “	“	8.44	06	2	“	43
..	31.9	+60 10	..	13.30	01	2	2	..
“	“	“ “	“	13.22	02	5	“	..
..	32.0	+60 16	..	13.23	01	2	2	..
“	“	“ “	“	13.11	02	4	“	..
..	32.0	+60 0	..	13.52	99	2	2	..
2648	32.1	+ 9 21	7.0	6.77	05	2	22	*15*
“	“	“ “	“	6.78	05b	5	“	*16*
“	“	“ “	“	6.51	05c	1	“	11
2558	32.3	+ 7 24	9.1	9.19	02	10	R	04
“	“	“ “	“	9.16	02g	6	25	07
“	“	“ “	“	8.71	06	2	5	52
..	32.3	+ 0 43	..	11.10	08	2	8	..
1452	32.4	+58 58	9.5	9.79	06	4	4	..
..	32.6	+59 4	..	11.35	06	4	4	..
909	32.8	+64 37	8.7	9.18	01	1	1	02
“	“	“ “	“	9.16	02	2	“	04
..	32.8	+59 58	..	12.60	99	3	2	..
“	“	“ “	“	12.64	01	2	“	..
“	“	“ “	“	12.74	02	4	“	..
“	“	“ “	“	12.40	09	6	“	..
1408	32.8	+59 46	8.5	8.68	99	3	2	16
“	“	“ “	“	9.09	01	1	“	*25*
“	“	“ “	“	8.90	02	6	“	*06*
“	“	“ “	“	8.94	06	4	1	*10*
“	“	“ “	“	8.71	09	6	2	13
2560	32.9	+ 7 43	9.5	10.42	02	8	5	..
“	“	“ “	“	10.24	06	2	“	..
..	33.0	+59 58	..	13.93	99	1	2	..
	h. m.	° ′						
1610	12 33.0	+56 30	8.6	8.72	06	6	5	..
2632	33.1	+ 4 44	8.9	9.29	01	2	1	07
“	“	“ “	“	9.29	01g	2	“	07
“	“	“ “	“	9.41	02	1	“	*05*
“	“	“ “	“	9.45	02g	1	“	*09*
“	“	“ “	“	9.35	05	5	“	01
“	“	“ “	“	9.66	05b	2	“	*30*
..	33.2	+ 7 38	..	11.86	02	4	5	..
“	“	“ “	“	11.71	06	2	“	..
2727	33.2	+ 1 34	9.2	9.89	01	2	9	..
“	“	“ “	“	9.76	02	1	“	..
..	33.3	+59 52	..	11.32	99	3	2	..
“	“	“ “	“	11.54	02	6	2	..
“	“	“ “	“	11.29	09	6	“	..
1611	33.3	+56 35	9.2	9.87	06	6	5	..
892	33.4	+64 50	9.0	9.47	01	1	1	*02*
“	“	“ “	“	9.61	02	2	“	*16*
2728	33.4	+ 0 46	8.3	8.37	08	3	8	*28*
..	33.6	+59 48	..	10.56	02	6	2	..
1304	33.8	+61 12	9.1	9.19	99	3	2	..
“	“	“ “	“	9.50	09	6	“	..
1409	33.8	+60 33	9.1	9.39	02	6	2	..
..	33.8	+59 52	..	11.64	99	3	2	..
“	“	“ “	“	11.48	09	6	“	..
2524	33.8	+14 31	9.3	10.02	05	4	25	..
2965	33.8	+ 0 30	9.5	11.02	01	2	9	..
“	“	“ “	“	10.70	02	1	“	..
2595	33.8	− 0 17	8.0	7.08	08	4	20	10
1410	33.9	+60 10	9.5	10.91	99	3	2	..
“	“	“ “	“	10.68	09	6	“	..
2525	33.9	+14 20	8.8	8.84	05	11	24	..
“	“	“ “	“	9.11	05b	1	“	..
1411	34.0	+60 15	9.2	9.82	99	3	2	*02*
“	“	“ “	“	9.92	02	6	“	*12*
“	“	“ “	“	9.94	09	6	“	*14*
1454	34.0	+58 57	8.9	8.65	06	4	4	..
2479	34.0	+23 12	7.0	6.38	08b	3	12	09
“	“	“ “	“	6.45	08c	3	“	02
2528	34.0	+14 20	8.8	9.27	05	2	25	..
389	34.1	+79 46	6.7	7.32	99	2	25	*29*
2636	34.1	+ 4 30	9.5	10.15	01	2	9	..
“	“	“ “	“	10.19	02	1	“	..
2562	34.1	+ 2 28	9.5	10.90	01	2	9	..
“	“	“ “	“	10.98	02	1	“	..
3452	34.1	− 7 27	5.0	4.72	03b	3	13	06
“	“	“ “	“	4.90	03c	4	“	*12*
..	34.2	+59 59	..	12.97	99	3	2	..
“	“	“ “	“	12.60	09	6	“	..
1412	34.3	+60 4	9.5	10.83	99	3	2	..
“	“	“ “	“	10.99	01	4	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	12 34.3	+60 4	9.5	10.72	09	6	2	..
2310	34.3	+29 48	8.0	8.97	05	6	1	04
2625	34.3	+ 8 7	8.8	9.18	02	4	5	..
"	"	" "	"	9.13	06	2	"	..
476	34.4	+75 1	9.5	9.72	03	2	1	00
"	"	" "	"	9.78	09	4	"	*06*
358	34.5	+83 8	9.1	10.18	05	6	25	..
1307	34.5	+61 34	7.2	7.09	99	6	2	29
"	"	" "	"	7.26	09	6	"	12
..	34.5	+58 59	..	12.62	06	4	4	..
..	34.6	+59 18	..	10.84	06	4	4	..
2562	34.6	+ 7 37	9.3	9.62	02	4	5	..
"	"	" "	"	9.16	06	2	"	..
2563	34.6	+ 6 59	9.3	9.94	02	4	5	..
"	"	" "	"	10.06	06	2	"	..
1413	34.7	+60 18	8.3	8.00	99	3	2	30
"	"	" "	"	8.30	02	6	"	00
"	"	" "	"	8.23	09	6	"	07
..	34.7	+60 8	..	12.24	99	3	2	..
"	"	" "	"	12.18	09	6	"	..
2674	34.7	+ 3 13	9.3	9.74	01	2	9	..
"	"	" "	"	9.94	02	1	"	..
..	34.8	+59 8	..	10.68	06	4	4	..
2564	34.8	+ 7 42	9.5	10.56	02	8	5	..
"	"	" "	"	10.46	06	2	"	..
1309	35.1	+61 26	7.0	6.90	99	7	2	20
"	"	" "	"	7.14	09	6	"	*04*
1613	35.2	+55 55	9.5	10.45	06	6	5	..
1614	35.3	+56 20	9.0	9.55	06	6	5	..
..	35.4	+ 0 41	..	11.76	08	2	8	..
2705	35.4	− 2 14	9.0	9.62	08	4	1	*30*
2626	35.5	+ 8 15	8.5	8.27	02	4	5	*24*
"	"	" "	"	7.86	06	2	"	17
..	35.5	+ 0 46	..	11.70	08	2	8	..
..	35.6	+59 21	..	12.13	06	4	4	..
1455	35.6	+59 19	9.5	9.99	06	4	4	..
1415	35.8	+60 13	8.9	9.00	02	6	2	*11*
2637	35.8	+ 4 25	7.8	7.83	05	4	1	*08*
"	"	" "	"	7.54	05b	3	"	21
477	35.9	+74 14	9.5	9.78	03	1	11	..
1416	35.9	+60 5	8.2	7.89	99	6	2	*02*
"	"	" "	"	8.13	02	6	"	*26*
"	"	" "	"	8.00	09	6	"	*13*
2658	35.9	+ 9 23	7.7	7.25	05	3	1	*13*
"	"	" "	"	7.27	05b	4	"	*15*
2599	36.0	− 0 55	9.2	9.36	08	4	20	..
479	36.1	+74 58	8.2	8.13	03	3	1	*01*
"	"	" "	"	8.05	09	4	"	07
..	36.1	+59 11	..	11.93	06	4	4	..
1616	36.1	+55 53	9.5	10.96	06	6	5	..
1246	12 36.4	+62 36	8.7	8.24	99	1	25	..
1310	36.4	+61 22	8.5	8.44	99	3	2	*04*
"	"	" "	"	8.57	09	6	"	*17*
2708	36.4	− 1 25	9.2	9.60	08	4	20	..
1456	36.6	+59 17	9.1	9.68	06	4	4	..
2484	36.6	+10 58	7.0	6.17	08b	3	12	16
"	"	" "	"	6.14	08c	3	"	19
2600	36.6	− 0 59	9.2	8.90	08	4	20	..
2601	36.6 36.6	− 0 54 − 0 54	2.8	2.64	03c	3	13	27
"	"	" "	"	2.93	03d	1	"	*02*
3442	36.6	−19 12	6.2	6.40	08b	4	12	*39*
"	"	" "	"	6.44	08c	4	"	*43*
2710	36.7	− 2 13	8.9	8.80	08	4	1	*03*
1457	36.8	+59 30	8.0	8.22	06	4	4	*09*
2485	36.8	+10 47	5.2	5.00	03b	3	13	*05*
"	"	" "	"	4.86	03c	3	"	09
2638	36.9	+ 4 18	9.5	9.82	01	2	9	..
1617	37.2	+56 3	9.5	11.65	06	6	5	..
1618	37.2	+56 17	8.2	8.22	06	6	5	..
2634	37.2	+ 8 36	8.0	8.32	02	4	5	*55*
"	"	" "	"	7.76	06	2	"	01
2669	37.2	+ 4 50	7.8	7.94	00	2	1	*03*
"	"	" "	"	8.01	01	2	"	*10*
..	37.2	+ 0 41	..	12.22	08	2	8	..
..	37.5	+61 36	..	12.92	99	3	2	..
"	"	" "	"	13.11	09	7	"	..
1619	37.6	+56 14	9.5	10.97	06	6	5	..
1311	37.7	+61 25	9.2	8.82	99	3	*2*	*01*
"	"	" "	"	8.92	09	6	"	*11*
2973	37.7	+ 0 21	9.2	9.89	01	2	9	..
"	"	" "	"	9.92	02	1	"	..
2974	37.7	+ 0 43	9.3	11.14	08	2	8	..
2975	38.0	− 0 1	8.8	9.96	08	5	18	..
"	"	" "	"	10.05	08b	1	"	..
2719	38.2	− 2 9	9.2	9.40	08	4	1	07
2461	38.3	+10 39	8.1	7.32	08	2	19	..
"	"	" "	"	7.46	08b	2	"	..
2684	38.3	+ 3 27	9.3	9.70	01	2	9	..
"	"	" "	"	9.94	02	1	"	..
2571	38.5	+ 2 22	9.5	10.80	01	2	9	..
"	"	" "	"	10.72	02	1	"	..
2604	38.5	− 0 54	8.5	8.49	08	4	20	..
1312	38.7	+61 42	6.5	6.85	99	3	2	*39*
"	"	" "	"	6.37	09	6	"	09
1620	38.7	+55 57	9.4	10.14	06	6	5	..
2743	38.7	+ 1 12	9.4	10.17	01	2	9	..
"	"	" "	"	10.17	02	1	"	..
1621	38.8	+56 41	9.4	9.86	06	6	5	..
..	39.2	+ 0 37	..	11.84	08	2	8	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2606	12 39.3	− 0 58	8.7	8.44	08	4	20	..
2721	39.5	− 2 9	8.9	8.94	08	4	1	23
..	39.6	+ 0 42	..	11.66	08	2	8	..
1314	40.2	+61 15	9.5	9.92	99	3	2	..
“	“	“ “	“	10.20	09	6	“	..
..	40.2	+ 0 41	..	10.56	08	2	8	..
2673	40.3	+ 4 54	9.0	9.50	00	2	1	*19*
“	“	“ “	“	9.42	01	2	“	*11*
“	“	“ “	“	9.38	05	5	1	*07*
“	“	“ “	“	9.56	05b	2	“	*25*
2647	40.3	+ 4 4	8.4	8.52	05	6	4	..
2648	40.4	+ 4 32	8.8	9.22	00	2	1	08
“	“	“ “	“	9.37	01	5	“	*07*
“	“	“ “	“	9.34	01g	3	“	*04*
“	“	“ “	“	9.31	02	1	“	*01*
“	“	“ “	“	9.33	02g	1	“	*03*
“	“	“ “	“	9.31	05	4	4	*01*
“	“	“ “	“	9.55	05b	3	“	*25*
..	40.6	+61 43	..	11.16	99	3	2	..
“	“	“ “	“	11.30	09	6	“	..
..	40.6	+61 33	..	10.72	99	3	2	..
“	“	“ “	“	11.09	09	6	“	..
2693	40.7	+ 3 40	9.5	10.20	01	2	9	..
“	“	“ “	“	9.96	02	1	“	..
2577	40.7	+ 2 0	9.4	10.52	01	2	9	..
“	“	“ “	“	10.61	02	1	“	..
“	“	“ “	“	10.78	02g	1	“	..
..	40.9	+ 0 41	..	11.72	08	2	8	..
2695	41.1	+ 3 0	7.8	7.98	08	2	19	..
“	“	“ “	“	8.24	08b	2	“	..
..	41.2	+61 33	..	11.77	99	3	2	..
“	“	“ “	“	12.09	09	6	“	..
484	41.3	+75 8	8.7	8.92	09	4	1	10
“	“	“ “	“	8.85	03	3	“	17
..	41.3	+61 35	..	12.93	99	3	2	..
“	“	“ “	“	12.95	09	7	“	..
2468	41.3	+10 6	6.4	5.54	05b	4	22	32
“	“	“ “	“	5.75	05c	1	“	11
“	“	“ “	“	5.68	08	2	19	18
“	“	“ “	“	5.62	08b	2	“	24
2981	41.5	− 0 8	8.2	8.56	01	3	1	*08*
“	“	“ “	“	8.35	01g	3	“	13
“	“	“ “	“	8.46	02	1	“	02
“	“	“ “	“	8.39	02g	1	“	09
“	“	“ “	“	8.40	08	3	“	08
“	“	“ “	“	8.48	08b	3	“	00
..	41.6	+61 32	..	12.47	99	4	2	..
“	“	“ “	“	12.36	09	6	“	..
2650	41.6	+ 4 23	9.5	10.50	01	1	9	..
“	“	“ “	“	10.35	02	1	“	..
	h. m.	° ′						
A	12 41.6	+ 4 23	9.5	10.22	02g	1	9	..
2982	41.6	+ 0 41	9.5	11.31	01	1	9	..
“	“	“ “	“	11.06	02	1	“	..
“	“	“ “	“	11.31	02g	1	“	..
“	“	“ “	“	10.76	08	2	8	..
1318	41.7	+61 40	9.5	9.96	99	3	2	..
“	“	“ “	“	10.33	09	6	“	..
..	41.7	+ 4 33	..	12.69	05	6	4	..
..	41.7	+ 0 42	..	12.14	08	2	8	..
..	41.8	+ 4 26	..	11.84	05	6	4	..
2651	41.9	+ 4 42	9.5	10.52	05	14	4	..
2752	41.9	+ 1 38	9.5	10.56	01	1	9	..
“	“	“ “	“	10.13	02	1	“	..
“	“	“ “	“	10.27	02g	1	“	..
1819	42.0	+46 3	9.2	9.39	07	4	17	..
2669	42.0	+ 9 36	7.9	7.06	05	3	22	11
“	“	“ “	“	6.92	05b	3	“	25
2660	42.0	+ 6 30	6.7	6.34	08b	3	12	05
“	“	“ “	“	6.34	08c	4	“	05
..	42.4	+ 4 51	..	11.58	05	6	4	..
2652	42.6	+ 4 43	9.5	10.19	05	6	4	..
10540	42.6	−24 18	6.4	6.88	08b	3	12	*59*
“	“	“ “	“	6.83	08c	3	“	*54*
2656	43.1	+ 4 40	9.2	9.48	05	7	4	..
..	43.2	+ 4 43	..	12.40	05	8	4	..
2546	43.3	+14 6	6.5	6.35	08b	3	12	08
“	“	“ “	“	6.42	08c	3	“	01
2675	43.3	+ 9 39	8.2	8.08	00	2	1	*11*
“	“	“ “	“	8.15	01	2	“	*18*
“	“	“ “	“	8.06	08	2	19	*09*
“	“	“ “	“	8.06	08b	2	“	*09*
2676	43.7	+ 9 44	8.6	8.86	00	2	1	06
“	“	“ “	“	8.53	01	2	“	39
1319	44.2	+61 22	7.8	7.27	99	6	2	33
“	“	“ “	“	7.38	09	6	“	22
2682	44.4	+ 5 43	8.2	7.67	05	7	4	*24*
2474	44.6	+ 9 55	8.3	7.73	00	2	1	09
“	“	“ “	“	7.72	01	2	“	10
10554	44.6	−25 2	9.5	10.28	04	1	25	..
2585	44.7	+ 1 46	8.2	8.40	08	2	19	..
“	“	“ “	“	8.44	08b	2	“	..
1421	45.0	+59 54	8.0	8.71	01	1	1	*05*
“	“	“ “	“	8.94	02	2	“	*28*
“	“	“ “	“	8.75	06	4	“	*09*
..	45.0	+ 6 8	..	12.54	00	4	5	..
“	“	“ “	“	12.71	01	4	“	..
2660	45.0	+ 4 34	9.5	10.51	01	3	9	..
“	“	“ “	“	10.14	02	1	“	..
2502	45.3	+23 24	6.5	6.40	08b	3	12	06
“	“	“ “	“	6.58	08c	3	“	*12*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2700	12 45.6	+ 3 39	9.5	10.47	01	2	9	..
“	“	“ “	“	10.35	02	1	“	..
2989	45.6	− 0 13	8.3	8.66	01	3	1	07
“	“	“ “	“	8.60	01g	3	“	13
“	“	“ “	“	8.81	02	1	“	*08*
“	“	“ “	“	8.63	02g	1	“	10
..	45.7	+ 5 57	..	12.88	00	4	5	..
“	“	“ “	“	13.11	01	4	“	..
2685	45.9	+ 5 42	9.4	9.98	00	8	5	*48*
“	“	“ “	“	10.13	01	8	“	*63*
2588	45.9	+ 2 19	9.5	9.96	01	2	9	..
“	“	“ “	“	10.04	02	1	“	..
2990	46.1	+ 0 32	9.3	9.98	01	2	9	..
“	“	“ “	“	10.05	02	1	“	..
1468	46.2	+59 36	8.7	8.77	01	1	1	19
“	“	“ “	“	9.02	02	2	“	*06*
..	46.4	+ 6 7	..	11.24	00	4	5	..
“	“	“ “	“	11.54	01	4	“	..
2762	46.4	+ 1 9	9.0	9.88	01	2	9	..
“	“	“ “	“	9.89	02	1	“	..
2703	46.5	+ 3 36	7.2	6.13	05b	3	22	*01*
“	“	“ “	“	6.08	08b	3	19	04
“	“	“ “	“	6.18	08c	1	“	*06*
906	46.7	+64 46	8.9	8.91	01	1	1	29
“	“	“ “	“	9.08	02	2	“	12
2768	46.8	+19 47	8.3	7.52	99	1	25	58
..	46.8	+ 6 5	..	12.18	00	4	5	..
“	“	“ “	“	12.19	01	4	“	..
2993	46.8	+ 0 37	8.0	7.80	08	3	8	04
..	47.0	+ 6 12	..	11.23	00	4	5	..
“	“	“ “	“	11.20	01	4	“	..
2765	47.3	+ 0 46	8.8	9.12	08	4	8	17
2430	47.4	+16 40	6.5	6.13	08b	3	12	12
“	“	“ “	“	6.20	08c	3	“	05
2670	48.3	+18 13	9.4	10.02	07r	4	6	..
2997	48.5	+ 0 39	8.6	9.15	07	1	8	*11*
“	“	“ “	“	8.93	08	3	“	11
3373	48.5	− 3 41	6.7	6.54	08b	3	12	*08*
“	“	“ “	“	6.69	08c	3	“	*23*
2690	48.6	+ 4 46	7.8	7.73	00	2	1	04
“	“	“ “	“	7.94	01	2	“	*17*
“	“	“ “	“	7.75	05	7	22	02
“	“	“ “	“	7.65	05b	6	“	12
3449	49.2	− 9 0	5.3	4.87	03b	3	13	04
“	“	“ “	“	5.07	03c	3	“	*16*
2712	49.5	+ 3 2	9.0	9.47	01	3	9	..
1627	49.6	+56 30	2.0	1.89	04c	3	13	*21*
“	“	“ “	“	1.74	04d	3	“	*06*
1427	49.8	+59·53	9.2	9.68	06	4	1	18
2675	49.8	+18 12	9.2	9.48	07r	4	6	..
	h. m.	° ′						
2484	12 49.8	+ 9 52	9.2	9.57	00	2	1	*25*
“	“	“ “	“	9.36	01	2	“	*04*
2668	49.8	+ 4 24	9.5	10.68	01	3	9	..
2598	49.8	+ 2 22	9.5	11.57	01	4	9	..
2999	49.9	+ 0 10	9.5	11.76	01	2	9	..
“	“	“ “	“	11.34	02	1	“	..
2714	50.1	+ 3 35	8.0	7.12	05	3	22	..
“	“	“ “	“	7.24	05b	3	“	..
3002	50.5	+ 0 36	7.3	6.60	07	1	8	28
“	“	“ “	“	6.98	08	2	19	*10*
“	“	“ “	“	7.07	08b	2	“	*19*
2070	50.6	+44 50	8.7	8.90	08	4	18	02
“	“	“ “	“	8.72	08b	2	“	20
2669	50.6	+ 3 56	3.0	3.74	01i	3	1	*08*
“	“	“ “	“	3.36	03c	3	13	30
“	“	“ “	“	3.61	03d	3	“	05
2770	51.1	+ 1 22	9.5	10.28	01	3	9	..
2580	51.4 51.4	+38 52 +38 52	3.0	2.80	04c	3	13	00
“	“	“ “	“	2.74	04d	2	“	06
2694	51.6	+ 9 42	8.7	8.64	00	2	1	08
“	“	“ “	“	8.56	01	2	“	16
2565	52.4	+14 36	9.0	9.62	05	3	1	*03*
“	“	“ “	“	9.60	05b	3	“	*01*
“	“	“ “	“	9.65	07	3	“	*06*
“	“	“ “	“	9.68	07b	3	“	*09*
2745	52.4	− 2 14	8.8	9.62	09	4	1	05
2605	53.1	+ 2 18	9.5	10.16	01	4	9	..
2716	53.5	+ 3 31	9.5	10.52	01	3	9	..
2387	53.6	+38 7	9.4	10.94	05	6	25	..
3005	53.8	+ 0 43	9.3	11.15	01	3	9	..
2774	54.0	+ 1 31	9.5	10.34	01	3	9	..
2388	54.1	+38 0	9.1	10.35	07	4	17	..
2679	54.2	+ 4 27	9.5	10.89	01	3	9	..
“	“	“ “	“	11.07	02	1	“	..
2600	54.3	+ 7 3	7.5	7.66	05	4	1	*34*
“	“	“ “	“	7.54	05b	2	“	*22*
2389	54.7	+38 20	8.6	8.74	05	9	24	..
“	“	“ “	“	9.16	05b	3	“	..
2171	54.8	+28 37	7.3	7.04	08	3	18	05
“	“	“ “	“	6.99	08b	3	“	10
3573	54.8	−15 25	8.8	9.40	05	3	1	05
“	“	“ “	“	9.30	05b	3	“	15
“	“	“ “	“	9.34	07	3	“	11
“	“	“ “	“	9.51	07b	3	“	*06*
2530	54.9	+14 49	9.0	9.72	05	4	1	07
“	“	“ “	“	9.66	05b	2	“	13
“	“	“ “	“	9.74	07	3	“	05
“	“	“ “	“	9.81	07b	3	“	*02*
2683	55.4	+ 4 8	8.0	7.55	05	6	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	12 55.4	+ 4 8	8.0	7.50	08	2	16	..
"	"	" "	"	7.78	08b	2	"	..
3577	55.7	−15 15	9.2	9.62	05	3	1	*21*
"	"	" "	"	9.66	05b	3	"	*25*
"	"	" "	"	9.75	07	3	"	*34*
"	"	" "	"	9.47	07b	3	"	*06*
2531	55.8	+14 54	8.3	8.89	05	3	1	*10*
"	"	" "	"	8.79	05b	3	"	00
"	"	" "	"	8.95	07	3	"	*16*
"	"	" "	"	8.91	07b	3	"	*12*
3578	56.0	−15 16	8.7	8.70	05	7	1	09
"	"	" "	"	8.70	05b	3	"	11
"	"	" "	"	8.46	06	3	"	35
"	"	" "	"	8.69	07	5	"	12
"	"	" "	"	8.74	07b	5	"	07
2702	56.1	+ 4 53	7.3	7.38	05	4	3	*20*
"	"	" "	"	6.85	05b	2	"	33
2685	56.2	+ 4 30	9.0	9.52	00	2	1	08
"	"	" "	"	9.67	01	6	"	*07*
"	"	" "	"	9.79	01g	4	"	*19*
1408	56.5	+56 55	5.0	4.88	04b	3	13	01
"	"	" "	"	4.74	04c	3	"	15
2705	56.5	+ 4 56	9.5	10.06	01	3	9	..
2529	57.2	+11 30	3.0	2.87	03c	3	13	08
"	"	" "	"	3.09	03d	3	"	*14*
2782	57.3	+ 1 29	9.0	9.47	01	3	9	..
..	57.4	+ 5 35	..	11.26	05	6	3	..
..	57.5	+ 5 38	..	11.46	05	6	3	..
..	57.7	+ 5 45	..	13.02	05	6	3	..
2572	57.8	+13 59	8.2	8.70	05	6	11	..
2574	58.2	+14 39	9.3	10.60	05	6	11	..
2726	58.3	+ 3 39	9.5	11.07	01	3	9	..
3012	58.3	+ 0 26	9.5	10.85	01	2	9	..
"	"	" "	"	11.03	02	1	"	..
2535	58.4	+15 19	8.8	9.22	05	6	11	..
2709	58.4	+ 5 26	8.8	8.43	05	5	3	17
"	"	" "	"	8.71	05b	1	"	*11*
3589	58.4	−15 48	8.0	7.82	05	6	11	..
"	"	" "	"	7.60	07	3	"	..
"	"	" "	"	7.39	07b	3	"	..
2616	58.8	+ 2 45	9.3	10.37	01	3	9	..
3632	58.9	−15 8	9.2	9.70	05	8	1	*03*
"	"	" "	"	9.74	05b	3	"	*08*
"	"	" "	"	9.79	06	2	"	*13*
"	"	" "	"	9.56	07	3	"	10
"	"	" "	"	9.83	07b	3	"	*17*
2710	59.1	+ 5 43	8.6	8.73	05	11	3	06
"	"	" "	"	9.06	08	2	19	*27*
"	"	" "	"	9.12	08b	2	"	*33*
3634	59.1	−15 15	9.1	9.31	05	9	1	*05*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	12 59.1	−15 15	9.1	9.16	05b	2	1	10
"	"	" "	"	9.34	06	2	"	*08*
"	"	" "	"	9.33	07	5	"	*07*
"	"	" "	"	9.21	07b	5	"	05
..	59.2	−14 57	..	13.04	05	6	11	..
2537	59.3	+15 17	9.5	10.60	05	6	11	..
2784	59.4	+ 0 46	9.2	9.92	08	4	8	*15*
3015	59.5	− 0 12	8.0	7.34	01	4	1	04
"	"	" "	"	7.20	01g	4	"	18
"	"	" "	"	7.31	02	1	"	07
"	"	" "	"	7.30	02g	1	"	08
..	59.7	+15 1	..	13.46	05	6	11	..
..	59.7	−14 57	..	11.96	05	6	11	..
3636	59.7	−14 58	9.4	10.02	05	12	11	..
"	"	" "	"	9.85	07	5	"	..
"	"	" "	"	9.96	07b	2	"	..
2539	59.8	+15 15	9.3	10.10	05	12	11	..
"	"	" "	"	9.76	07	2	"	..
"	"	" "	"	10.14	07b	2	"	..
..	59.8	−15 5	..	12.42	05	6	11	..
3637	59.9	−15 4	10	10.94	05	6	11	..
"	"	" "	"	11.22	07	2	"	..
..	59.9	−15 6	..	11.98	05	6	11	..
..	13 0.0	+15 10	..	11.64	05	6	11	..
2712	0.0	+ 5 29	9.5	10.07	05	6	3	..
3638	0.0	−15 4	9.9	10.29	05	6	11	..
3639	0.0	−14 45	9.5	10.26	05	6	11	..
..	0.1	−15 3	..	11.98	05	6	11	..
..	0.2	+15 9	..	12.29	05	6	11	..
..	0.2	+15 1	..	12.10	05	6	11	..
3640	0.2	−14 34	8.8	8.99	05	6	11	..
..	0.4	+15 9	..	12.76	05	6	11	..
3596	0.4	−15 19	9.0	9.02	05	4	1	19
"	"	" "	"	9.26	06	2	"	*05*
2541	0.5	+15 15	7.9	8.38	05	6	11	..
3016	0.5	+ 0 39	9.5	10.42	01	1	25	..
2690	0.7	+ 4 38	7.8	7.87	05r	5	*3*	19
2542	1.0	+15 21	8.5	8.69	05	6	11	..
2691	1.0	+ 4 12	9.3	10.12	01	1	25	..
2543	1.2	+15 6	9.5	11.01	05	6	11	..
2545	1.9	+14 49	9.1	10.06	05	6	11	..
2773	1.9	− 2 10	9.0	9.14	09	4	1	*12*
2184	2.1	+28 45	8.4	9.13	08	4	19	..
3022	2.2	+ 0 38	9.5	11.31	01	3	9	..
"	"	" "	"	11.12	08	3	8	..
2185	2.4	+28 10	5.1	4.95	03b	2	13	*05*
"	"	" "	"	5.12	03c	2	"	*22*
"	"	" "	"	4.87	04b	1	"	03
"	"	" "	"	4.98	04c	1	"	*08*
..	2.4	+ 0 37	..	11.49	08	3	8	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
2694	13	2.5	+ 4	20	9.5	10.49	01	3	9	..
3758		2.5	−12	37	10	11.10	05	4	4	..
"		"	"	"	"	11.44	06	2	"	..
3631		2.6	− 2	48	9.8	10.87	05	4	25	..
2737		2.7	+ 3	19	9.5	10.85	01	3	9	..
2627		2.7	+ 1	48	9.5	9.95	01	3	9	..
3759		2.7	−12	38	9.6	10.54	05	8	4	..
"		"	"	"	"	10.82	06	4	"	..
2628		2.8	+ 2	27	9.5	10.39	01	3	9	..
3023		2.8	+ 0	36	9.3	9.46	07	1	8	28
..		2.8	−12	44	..	11.68	05	4	4	..
"		"	"	"	"	12.24	06	2	"	..
2368		2.9	+29	59	9.0	9.13	08	1	18	..
..		2.9	−12	41	..	12.18	05	2	4	..
"		"	"	"	"	12.08	06	4	"	..
3761		3.2	−12	59	9.4	9.82	05	4	4	..
"		"	"	"	"	9.96	06	2	"	..
2697		3.3	+ 4	38	8.8	9.23	01	3	1	*03*
"		"	"	"	"	9.31	01g	3	"	*11*
2777		3.4	− 2	9	8.5	7.88	09	4	1	*06*
2513		3.5	+10	9	8.6	8.65	08	4	19	..
2371		3.8	+29	55	8.1	8.56	08	5	18	05
"		"	"	"	"	8.49	08b	1	"	12
2697		3.8	+ 5	46	6.8	6.96	08	2	19	*05*
"		"	"	"	"	6.72	08b	2	"	19
3495		4.0	− 9	0	7.0	6.36	08b	3	12	08
"		"	"	"	"	6.57	08c	3	"	*13*
2793		4.5	+ 1	32	9.5	10.26	01	3	9	..
3638		4.6	− 2	51	8.3	8.46	05	9	24	..
"		"	"	"	"	8.46	05b	3	"	..
..		4.7	+ 0	44	..	11.56	07	1	8	..
"		"	"	"	"	11.52	08	3	"	..
2595		4.8	+17	22	6.8	6.01	08b	3	12	17
"		"	"	"	"	6.11	08c	3	"	07
3430		4.8	− 5	0	4.3	4.60	03b	3	13	*16*
"		"	"	"	"	4.30	03c	3	"	14
3028		5.0	− 0	5	8.7	8.82	01	3	1	*04*
"		"	"	"	"	8.74	01g	3	"	04
2697		5.1 5.1	+18 +18	4 4	5.0	4.49	03b	3	13	*02*
"		"	"	"	"	4.46	03c	3	"	01
2701		5.3	+ 4	42	9.2	10.05	01	2	9	..
"		"	"	"	"	9.85	01g	1	"	..
3609		5.3	−15	28	8.5	8.59	05	6	11	..
2636		5.5	+ 2	25	9.4	10.40	01	2	9	..
"		"	"	"	"	10.04	01g	2	"	..
2794		5.7	+ 0	50	9.3	10.58	01	2	9	..
"		"	"	"	"	10.57	01g	1	"	..
2781		5.8	− 2	11	8.5	8.64	09	4	3	03
1056		5.9	+62	47	6.4	6.66	08b	5	12	*17*
A	13	5.9	+62	47	6.4	6.48	08c	1	12	01
2409		6.1	+38	19	9.5	10.63	02	12	7	..
2551		6.4	+14	52	8.8	9.02	05	3	1	12
"		"	"	"	"	9.18	05b	3	"	*04*
"		"	"	"	"	9.19	07	3	"	*05*
"		"	"	"	"	8.95	07b	3	"	19
2519		6.5	+10	10	8.5	8.80	08	4	19	..
3647		6.6	−20	1	9.5	9.84	99	1	25	..
3645		6.9	− 2	26	9.4	9.53	09	4	3	..
3615		6.9	−15	19	9.0	9.54	05	4	1	*08*
"		"	"	"	"	9.52	06	2	"	*06*
2410		7.1	+38	11	9.4	10.92	02	6	7	..
2193		7.2	+28	23	5.0	4.14	03c	2	13	18
"		"	"	"	"	4.32	03d	2	"	00
"		"	"	"	"	4.55	04b	1	"	*23*
"		"	"	"	"	4.18	04c	1	"	14
2783		7.2	− 1	58	9.4	9.93	09	4	3	..
2376		7.4	+37	27	7.8	9.02	02	5	7	..
"		"	"	"	"	8.78	02g	1	"	..
2743		7.5	+ 3	16	9.5	10.27	01	3	9	..
"		"	"	"	"	10.36	01g	1	"	..
..		7.5	+ 0	43	..	11.93	08	2	8	..
2377		7.6	+37	31	9.5	10.41	02	1	7	..
2784		7.6	− 1	44	8.0	7.56	09	4	3	..
2785		7.8	− 1	40	9.0	9.59	09	4	3	..
2725		8.0	+ 5	40	8.7	9.20	08	2	19	..
"		"	"	"	"	9.12	08b	2	"	..
..		8.1	+ 0	38	..	11.54	08	2	8	..
2786		8.1	− 2	1	8.0	7.69	07	4	17	..
"		"	"	"	"	7.52	09	4	3	..
2704		8.3	+ 4	36	9.5	9.94	01	3	9	..
..		8.3	+ 0	45	..	12.36	08	2	8	..
2380		8.4	+37	42	8.5	9.60	02	6	7	..
"		"	"	"	"	9.72	07	4	17	..
2746		8.6	+ 3	34	9.5	10.07	01	3	9	..
2381		8.7	+37	30	9.3	9.79	02	6	7	..
..		8.7	− 2	8	..	11.90	09	4	3	..
2788		8.8	− 1	53	9.0	9.04	09	4	3	..
..		9.0	− 2	32	..	12.08	09	4	3	..
2523		9.1	+10	18	8.6	8.71	08	4	19	..
2798		9.1	+ 1	37	9.5	9.93	01	3	9	..
3036		9.1	+ 0	42	9.0	9.29	07	2	8	*25*
"		"	"	"	"	9.17	08	4	"	*13*
2414		9.2	+38	13	9.1	10.42	02	6	7	..
..		9.2	+ 0	40	..	10.86	07	1	8	..
"		"	"	"	"	11.02	08	2	"	..
..		9.2	− 2	12	..	11.86	09	4	3	..
2415		9.3	+38	18	8.9	9.81	02	6	7	..
3037		9.5	+ 0	30	9.5	10.57	01	3	9	..
3655		9.5	− 2	27	10	11.02	09	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2791	13 10.1	− 2 8	9.2	9.38	09	4	3	09
2647	10.2	+ 2 13	9.3	9.54	01	3	9	. .
2352	10.5	+35 58	6.8	6.79	08	4	19	*11*
2416	10.6	+38 24	9.5	12.88	02	12	7	. .
587	10.7	+73 20	6.8	6.53	08b	5	12	*10*
“	“	“ “	“	6.17	08c	1	“	26
2387	10.9	+37 9	8.3	8.88	02	6	7	. .
2712	11.0	+ 4 30	8.0	8.24	08	3	19	. .
“	“	“ “	“	8.52	08b	1	“	. .
2737	11.1	+ 9 45	8.6	8.35	08	4	1	07
303	11.2	+84 43	9.0	9.43	00	3	1	*25*
“	“	“ “	“	9.44	01	1	“	*26*
“	“	“ “	“	9.42	06	6	“	*24*
2674	11.3	− 0 52	7.2	6.81	08b	3	12	*32*
“	“	“ “	“	6.86	08c	3	“	*37*
2715	11.8	+ 4 34	9.5	11.01	01	3	9	. .
2590	12.0	+14 42	8.9	9.22	05	3	1	*08*
“	“	“ “	“	9.17	05b	3	“	*03*
“	“	“ “	“	8.94	07	3	“	20
“	“	“ “	“	9.10	07b	3	“	04
501	12.1	+74 54	8.4	8.27	05	4	1	10
“	“	“ “	“	8.27	05b	1	“	10
2419	12.1	+38 46	8.6	9.78	02	6	7	. .
2264	12.2	+44 22	8.2	8.39	08	3	19	. .
“	“	“ “	“	8.78	08b	1	“	. .
530	12.3	+74 39	9.5	9.77	05	4	1	*20*
“	“	“ “	“	9.75	05b	1	“	*18*
2751	12.3	+ 3 33	9.5	10.24	01	3	9	. .
2656	12.8	+ 2 33	9.5	9.92	01	3	9	. .
. .	12.9	+ 0 39	. .	12.02	08	2	8	. .
2657	13.0	+ 1 49	9.3	10.40	01	3	9	. .
2380	13.1	+41 6	4.3	4.63	04b	2	13	03
“	“	“ “	“	4.38	04c	2	“	28
“	“	“ “	“	4.42	05c	1	“	24
“	“	“ “	“	5.01	05d	1	“	*35*
2207	13.2	+27 58	8.5	8.66	08	4	19	. .
3813	13.2	−17 45	5.0	4.89	03b	3	13	*09*
“	“	“ “	“	5.01	03c	3	“	*21*
3554	13.5	−22 39	3	3.14	03c	3	13	19
“	“	“ “	“	3.40	03d	3	“	*07*
532	13.6	+74 39	9.1	9.11	05	4	1	*09*
“	“	“ “	“	8.97	05b	1	“	05
3043	13.8	+ 0 42	9.5	11.34	08	2	8	. .
3044	14.0	+ 0 26	9.5	10.58	01	3	9	. .
3690	14.0	−15 2	8.6	9.32	08	5	18	. .
“	“	“ “	“	9.26	08b	1	“	. .
2724	14.2	+ 4 43	9.0	9.51	01	3	1	04
“	“	“ “	“	9.56	01g	3	“	*01*
“	“	“ “	“	9.55	08	1	1	00
2820	14.5	+19 55	9.3	10.03	99	1	25	. .
	h. m.	° ′						
2726	13 14.8	+ 4 1	9.2	8.79	01	1	25	. .
“	“	“ “	“	8.80	01g	1	“	. .
2436	14.9	+35 40	9.0	9.67	08	4	19	. .
2735	15.0	+ 4 48	9.0	9.46	08	1	1	00
. .	15.4	+ 0 42	. .	12.16	08	2	8	. .
2758	15.7	+ 3 28	7.0	6.31	08b	3	12	*08*
“	“	“ “	“	6.24	08c	3	“	*01*
2729	15.8	+ 4 39	8.5	8.70	08	4	19	10
“	“	“ “	“	8.84	08b	1	“	*04*
2321	16.1	+43 39	8.0	7.98	08	3	19	. .
“	“	“ “	“	8.24	08b	1	“	. .
3046	16.1	+ 0 41	9.5	10.81	01	3	9	. .
“	“	“ “	“	10.51	08	2	8	. .
3587	16.1	−18 58	6.3	6.66	08b	3	12	*48*
“	“	“ “	“	6.59	08c	3	“	*41*
2760	16.4	+ 3 9	9.5	11.05	01	3	9	. .
3653	16.5	−15 22	9.1	10.36	08	4	1	*91*
“	“	“ “	“	10.04	08b	1	“	*59*
2732	17.4	+ 4 20	9.5	10.69	01	3	9	. .
2667	17.6	+ 1 48	9.5	10.20	01	3	9	. .
3677	17.8	− 2 24	9.3	10.34	02	6	5	. .
2668	18.1	+ 2 11	9.3	10.41	01	4	9	. .
3458	18.3	− 3 28	8.6	8.77	02	6	5	. .
3050	18.6	− 0 11	8.6	8.86	01	4	1	*08*
“	“	“ “	“	8.79	01g	4	“	*01*
537	18.8	+74 2	9.5	9.58	05	6	4	. .
3460	18.9	− 3 41	8.9	9.51	02	6	5	. .
2810	19.0	+ 1 43	9.0	9.19	01	1	25	. .
3461	19.2	− 4 5	8.5	9.08	02	6	5	. .
3681	19.3	− 2 22	10	10.90	02	6	5	. .
2663	19.5	+12 57	6.5	6.51	08b	3	12	*01*
“	“	“ “	“	6.62	08c	3	“	*12*
2445	19.7	+35 12	7.8	8.16	08	4	19	06
“	“	“ “	“	7.51	08b	1	“	71
2742	19.7	+ 4 56	7.7	7.70	08	4	19	11
“	“	“ “	“	7.97	08b	1	“	*16*
1598	19.9 19.9	+55 27 +55 26	2.0	2.31	04c	3	13	*14*
“	“	“ “	“	2.02	04d	3	“	15
2740	19.9	+ 4 46	9.0	9.47	08	1	1	*06*
3682	20.2	− 2 18	9.7	10.67	02	6	5	. .
2675	20.5	+ 2 28	9.5	9.95	01	3	9	. .
3589	20.7	−22 43	8.1	8.74	02	6	5	*35*
3684	21.0	− 3 8	8.0	7.52	02	6	5	*23*
“	“	“ “	“	7.44	02g	5	“	*15*
2745	21.1	+ 4 22	9.5	10.97	01	3	9	. .
3592	21.1	−22 42	8.7	9.11	02	6	5	. .
1603	21.2	+55 30	5.0	4.05	04b	3	13	*03*
“	“	“ “	“	3.60	04c	3	“	42
2774	21.7	+ 3 2	9.5	10.70	01	3	9	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3694	13 21.7	− 5 24	7.8	8.05	00	2	1	*10*	3610	13 25.8	−22 30	9.7	10.83	02	13	5	..
“	“	“ “	“	7.99	01	1	“	*04*	*2784*	26.0	+ 2 51	9.3	10.41	01	3	9	..
3054	21.8	+ 0 16	9.5	10.62	01	3	9	..	2823	26.4	+ 1 34	9.3	9.97	01	3	9	..
2815	21.9	+ 1 45	9.0	9.14	01	3	9	..	3714	26.8	− 5 45	5.5	4.86	03b	4	13	*03*
3668	22.1	−15 27	5.5	4.87	03b	3	13	02	“	“	“ “	“	5.07	03c	4	“	*24*
“	“	“ “	“	4.90	03c	3	“	*01*	3715	26.8	− 5 15	8.9	9.30	00	2	1	*15*
1511	22.3	+59 25	8.7	9.23	08	5	18	..	“	“	“ “	“	9.25	01	1	“	*10*
“	“	“ “	“	9.37	08b	1	“	..	2755	26.9	+ 4 43	8.5	8.54	01	5	1	02
3716	22.3	−22 9	10	11.14	02	11	5	..	“	“	“ “	“	8.58	01g	4	“	*02*
“	“	“ “	“	11.36	02g	1	“	..	..	26.9	− 6 27	..	12.28	00	4	5	..
3595	22.4	−23 0	9.4	10.43	02	6	5	..	“	“	“ “	“	12.36	01	2	“	..
2617	22.6	+14 26	8.2	8.01	08	4	19	..	3067	27.0	+ 0 28	9.4	11.24	01	2	9	..
..	22.7	−10 11	..	12.34	03	12	14	..	“	“	“ “	“	11.44	01g	1	“	..
539	23.0	+74 43	8.9	9.02	05	5	1	00	..	27.0	− 6 32	..	12.91	00	4	5	..
540	23.3	+74 0	9.3	9.35	05	7	4	..	“	“	“ “	“	12.92	01	2	“	..
..	23.3	−10 7	..	11.60	03	10	14	..	..	27.1	− 6 34	..	11.98	00	4	5	..
3476	23.5	− 3 57	8.0	8.64	02	6	5	*48*	“	“	“ “	“	11.96	01	2	“	..
“	“	“ “	“	8.32	08	4	6	*16*	593	27.2	+73 41	9.5	10.57	05	6	4	..
1622	24.0	+53 16	6.3	6.47	08b	5	12	*31*	*1604*	27.3	+53 51	8.7	8.79	09	4	7	..
“	“	“ “	“	6.39	08c	1	“	*23*	*2833*	27.4	− 2 6	8.6	7.98	08	4	1	39
3065	24.1	+ 0 38	8.2	7.79	08	4	8	10	..	27.6	− 6 37	..	13.02	00	5	5	..
2694	24.1	− 0 51	7.0	6.60	08b	3	12	*24*	“	“	“ “	“	12.78	01	2	“	..
“	“	“ “	“	6.70	08c	3	“	*34*	1517	27.9	+59 27	7.7	7.95	08	5	1	06
3689	24.1	− 2 27	9.0	9.46	02	6	5	*23*	“	“	“ “	“	7.99	08b	1	“	02
“	“	“ “	“	9.65	08	4	6	*42*	..	27.9	− 6 29	..	11.99	00	4	5	..
3834	24.1	−20 19	9.0	9.40	09	5	1	*25*	“	“	“ “	“	12.19	01	2	“	..
1846	24.2	+51 6	7.5	7.01	08b	6	12	*24*	1605	28.0	+54 13	9.3	9.78	09	4	7	..
“	“	“ “	“	6.73	08c	1	“	04	*3697*	28.0	−20 6	9.0	8.89	09	4	1	*01*
3690	24.4	− 2 33	9.5	10.34	08	2	6	..	*3506*	28.3	− 5 9	8.6	8.74	00	2	1	*09*
3702	24.4	−10 12	8.5	8.50	00r	2	1	*29*	“	“	“ “	“	8.76	01	1	“	*11*
“	“	“ “	“	7.83	01	1	“	38	*3743*	28.5	−15 9	9.5	9.89	06	1	1	*18*
541	24.8	+74 45	8.3	8.30	05	4	1	22	1606	28.6	+54 28	7.5	7.74	09	4	1	27
“	“	“ “	“	8.50	05b	1	“	02	3840	28.6	− 6 46	9.1	9.56	00	8	5	*17*
2403	24.8	+42 45	7.2	7.69	08	3	19	*09*	“	“	“ “	“	9.55	01	4	“	*16*
“	“	“ “	“	7.47	08b	1	“	13	“	“	“ “	“	9.65	02	6	25	*26*
3482	24.8	− 3 43	9.1	9.42	02	6	5	..	“	“	“ “	“	9.76	02g	7	“	*37*
2782	24.9	+ 3 17	9.3	9.53	01	3	9	..	2764	29.1	+ 4 10	5.0	4.91	01i	3	1	02
3602	24.9	−22 44	9.0	9.71	02	6	5	..	“	“	“ “	“	4.85	03b	3	13	08
2655	25.0	+ 7 42	6.7	6.21	08b	3	12	08	“	“	“ “	“	4.86	03c	3	“	07
“	“	“ “	“	6.40	08c	3	“	*11*	543	29.2	+74 29	9.1	9.38	05	6	4	..
2750	25.0	+ 6 32	7.0	6.52	08b	3	12	*11*	2635	29.4	+14 46	8.0	7.79	08	4	1	10
“	“	“ “	“	6.46	08c	3	“	*05*	2636	29.4	+14 38	7.6	7.18	08	4	1	26
3603	25.0	−22 59	9.0	9.34	02	6	5	..	*1608*	29.6	+53 53	8.5	8.68	09	4	7	..
3604	25.0	−23 8	7.7	8.15	02	6	5	*44*	*2768*	29.6	+ 4 53	9.5	10.97	01	3	9	..
2753	25.1	+ 4 40	9.5	11.14	01	3	9	..	*3076*	29.6	− 0 5	3.5	3.23	01i	3	1	21
3605	25.2	−22 41	8.3	9.76	02	6	5	..	“	“	“ “	“	3.53	03c	3	13	*09*
542	25.3	+74 5	9.0	8.70	05	6	4	..	“	“	“ “	“	3.47	03d	3	“	*03*
3693	25.3	− 2 43	9.4	10.66	08	2	6	..	*3719*	29.6	−10 6	8.8	8.79	00	2	1	27
3607	25.3	−22 57	9.1	10.00	02	6	5	..	“	“	“ “	“	8.79	01	1	“	27
3698	25.8	− 2 18	8.5	8.83	08	4	6	00	..	29.8	+54 31	..	11.82	09	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2693	13 29.8	+ 1 47	9.3	10.39	01	3	9	..	A	13 33.0	+36 48	5.3	4.85	04c	3	13	07
2694	30.1	+ 2 14	9.5	9.84	01	3	9	..	*2770*	33.0	+ 3 47	9.5	11.10	01	3	9	..
2838	30.1	− 2 4	8.5	8.70	08	4	1	02	3648	33.0	−18 40	9.0	9.20	09	4	3	..
3712	30.2	−10 24	8.8	8.74	00	2	1	07	2692	33.2	+19 40	8.6	8.67	99	3	1	28
“	“	“ “	“	8.74	01	1	“	07	“	“	“ “	“	8.72	08	3	“	23
3749	30.2	−14 19	8.8	9.20	05	2	22	..	*2846*	33.3	− 2 4	9.0	9.44	08	4	1	03
“	“	“ “	“	9.22	06	2	“	..	..	33.5	+73 43	..	11.65	05	6	4	..
2426	30.3	+37 42	5.1	5.02	04b	3	13	*06*	*2776*	33.5	+ 4 51	9.4	9.83	01	3	9	..
“	“	“ “	“	5.11	04c	3	“	*15*	3086	33.5	+ 0 45	9.5	10.67	01	3	9	..
2227	30.4	+49 32	4.8	4.68	04b	2	13	*05*	“	“	“ “	“	10.46	08	2	8	..
“	“	“ “	“	4.84	04c	2	“	*21*	1856	33.7	+51 13	6.5	6.40	08b	5	12	19
“	“	“ “	“	4.59	05c	1	“	04	“	“	“ “	“	6.70	08c	1	“	*11*
“	“	“ “	“	4.63	05d	1	“	00	..	33.7	+ 0 47	..	12.30	08	3	8	..
3750	30.4	−14 28	8.6	8.66	05	2	22	..	*1623*	34.0	+54 47	9.0	8.68	09	4	1	*07*
“	“	“ “	“	8.80	06	2	“	..	2703	34.0	+ 2 19	9.3	10.37	01	3	9	..
2794	30.5	+ 3 26	9.5	10.92	01	3	9	..	*3527*	34.0	− 5 11	8.4	8.90	00	2	1	05
3751	30.5	−14 23	9.3	9.89	05	2	22	..	“	“	“ “	“	9.05	01	1	“	*10*
“	“	“ “	“	9.88	06	2	“	..	597	34.2	+73 21	9.5	10.65	05	6	4	..
2432	30.6	+29 39	8.5	9.16	99	2	1	*30*	*3768*	34.2	−15 6	8.0	7.83	06	2	1	*02*
2565	30.6	+10 43	7.0	6.46	08b	3	12	00	..	34.3	+ 0 44	..	12.35	08	2	8	..
“	“	“ “	“	6.55	08c	3	“	*09*	3714	34.4	−15 38	9.1	9.70	05	4	22	..
2840	30.6	− 2 12	9.0	9.36	08	4	1	*44*	“	“	“ “	“	9.57	06	2	“	..
1610	30.7	+54 42	9.2	9.22	09	4	7	09	2837	34.6	+ 1 11	9.5	10.51	01	3	9	..
3078	30.7	+ 0 43	9.5	10.34	01	4	9	..	3653	34.6	−18 38	9.5	10.06	09	4	3	..
595	30.8	+73 34	8.0	8.57	05	6	4	..	..	34.7	+ 0 47	..	12.55	08	2	8	..
3079	30.8	− 0 5	9.0	8.32	01	3	1	41	3655	34.8	−18 42	9.3	9.43	09	4	3	..
“	“	“ “	“	8.35	01g	3	“	38	..	34.9	+73 49	..	11.41	05	6	4	..
3726	30.9	−10 10	9.0	9.24	00	2	1	*03*	..	35.1	+73 51	..	12.05	05	6	4	..
“	“	“ “	“	9.33	01	1	“	*12*	3658	35.2	−18 39	10.0	11.31	09	4	3	..
1619	31.7	+54 50	9.0	9.24	09	4	1	*08*	3864	35.6	−20 15	9.1	9.06	09	4	1	37
3718	31.7	−10 24	8.9	9.17	00	2	1	09	2703	35.9	+19 43	8.0	7.65	08	3	1	*10*
“	“	“ “	“	9.37	01	1	“	*11*	2647	35.9	+14 39	8.2	7.86	08	4	1	*17*
2768	31.8	+ 4 32	8.8	9.00	01	3	1	*05*	..	35.9	−18 35	..	10.79	09	4	3	..
“	“	“ “	“	9.01	01g	3	“	*06*	2766	36.0	+18 18	8.2	8.46	08	2	19	..
..	31.9	+ 0 48	..	12.10	08	2	8	..	“	“	“ “	“	8.25	08b	2	“	..
3735	32.0	− 5 23	8.7	8.70	00	2	1	*10*	2796	36.0	+ 9 36	8.7	8.29	99	1	25	..
“	“	“ “	“	8.39	01	1	“	21	1859	36.3	+51 2	7.0	6.41	08b	6	12	*08*
3756	32.1	−15 5	8.5	8.86	06	2	1	20	“	“	“ “	“	6.12	08c	1	“	21
..	32.2	+ 0 43	..	11.60	08	2	8	..	*3907*	36.3	−18 3	8.0	7.60	09	4	3	..
..	32.3	+73 52	..	13.27	05	7	4	..	..	36.3	−18 44	..	12.34	09	2	3	..
..	32.4	+73 46	..	11.53	05	12	4	..	*2709*	36.5	+ 1 48	9.5	10.04	01	3	9	..
3084	32.7	− 0 8	8.8	8.97	01	4	1	*04*	3663	36.8	−18 52	9.8	10.89	09	4	3	..
“	“	“ “	“	8.96	01g	4	“	*03*	1625	36.9	+55 12	5.5	4.48	04b	2	13	27
“	“	“ “	“	9.26	08	4	18	*33*	“	“	“ “	“	4.90	04c	2	“	*15*
“	“	“ “	“	9.12	08b	2	“	*19*	“	“	“ “	“	5.18	05c	1	“	*43*
3647	32.7	−18 41	8.5	8.36	09	4	3	..	“	“	“ “	“	4.72	05d	1	“	03
3856	32.7	−20 15	8.8	9.05	09	4	1	*07*	2704	36.9	+19 45	8.8	9.08	99	3	1	*18*
..	32.8	+ 0 45	..	11.70	08	2	8	..	“	“	“ “	“	8.99	08	3	“	*09*
3711	32.8	−19 55	9.0	8.81	09	1	25	..	2774	36.9	+ 4 29	9.1	9.95	01	3	9	..
2433	33.0	+36 48	5.3	4.94	04b	3	13	*02*	3664	36.9	−18 40	9.1	9.47	09	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2650	13 37.1	+14 37	8.1	8.18	08	4	1	*04*	2846	13 41.1	+ 1 32	9.5	11.14	01	2	9	..
2448	37.2	+28 57	9.1	9.83	99	3	16	*21*	"	"	" "	"	11.66	01g	1	"	..
2810	37.6	+ 3 30	9.5	11.02	01	3	9	..	2780	41.2	+ 4 10	9.5	10.79	01	3	9	..
2609	37.7	+15 39	7.6	7.10	08	2	19	..	*3738*	41.2	−16 12	9.2	10.36	05	2	22	..
"	"	" "	"	7.37	08b	2	"	..	"	"	" "	"	10.01	06	2	"	..
2452	37.9	+29 3	9.5	10.25	99	3	16	..	2624	41.4	+15 24	9.3	9.68	08	4	20	..
2251	37.9	+28 42	8.3	8.49	99	3	16	*23*	2780	41.5	+18 26	9.5	10.45	08	4	20	..
..	38.1	+28 58	..	13.01	99	3	16	..	*2553*	41.5	+15 50	9.5	10.60	08	6	20	..
2770	38.1	+18 31	9.5	10.84	08	4	20	..	2720	41.8	+ 2 24	9.5	9.69	01	3	9	..
3092	38.3	+ 0 35	9.4	9.82	01	3	9	..	3744	41.8	−16 35	8.3	8.62	05	1	22	..
..	38.4	+28 49	..	12.04	99	3	16	..	"	"	" "	"	8.69	05b	1	"	..
..	38.4	+28 48	..	11.67	99	3	16	..	"	"	" "	"	8.46	06	2	"	..
2613	38.4	+15 21	9.5	10.08	08	4	20	..	"	"	" "	"	8.36	06b	1	"	..
..	38.5	+28 47	..	12.73	99	3	16	..	"	"	" "	"	8.25	07	1	"	..
2714	38.5	+ 2 33	9.3	9.58	01	3	9	..	"	"	" "	"	7.92	07b	1	"	..
3093	38.5	+ 0 42	9.3	9.74	08	2	8	..	*2690*	42.1	+ 6 51	6.5	6.46	08b	3	12	*14*
2708	38.6	+19 44	9.2	9.36	99	3	1	09	"	"	" "	"	6.44	08c	3	"	*12*
"	"	" "	"	9.63	08	3	1	*18*	*1633*	42.3	+54 53	9.4	9.70	09	4	1	*24*
3872	38.6	−20 21	8.9	9.12	09	4	1	01	*2782*	42.5	+17 57	4.6	4.44	03b	2	13	07
3729	38.7	−16 0	8.8	9.36	05	4	22	..	"	"	" "	"	4.52	03c	2	"	*01*
"	"	" "	"	8.96	06	2	"	..	"	"	" "	"	4.97	04b	1	"	*46*
2653	38.8	+14 41	9.1	8.85	08	5	1	*21*	"	"	" "	"	4.44	04c	1	"	07
"	"	" "	"	8.92	08b	1	"	*18*	3739	42.6	−15 34	7.8	7.76	05	4	1	14
2606	39.0	+23 12	6.3	6.21	08b	3	12	20	"	"	" "	"	7.69	06	4	"	21
"	"	" "	"	6.24	08c	3	"	17	"	"	" "	"	7.76	07	1	"	14
2773	39.0	+17 54	7.8	7.92	08	3	20	..	"	"	" "	"	7.81	07b	1	"	09
3732	39.1	−15 56	9.0	9.79	05	4	22	..	*3102*	42.7	− 0 6	9.0	9.77	01	4	1	*09*
"	"	" "	"	9.18	06	2	"	..	"	"	" "	"	9.89	01g	3	"	*21*
3736	39.1	−16 21	9.0	9.52	05	1	22	..	*2872*	42.8	+19 48	8.4	8.86	08	3	1	14
"	"	" "	"	9.10	06	2	"	..	2716	43.1	+19 26	7.8	7.52	08	2	19	23
"	"	" "	"	9.15	07	1	"	..	"	"	" "	"	7.72	08b	2	"	03
"	"	" "	"	8.97	07b	1	"	..	2628	43.1	+15 31	9.3	9.85	08	4	20	..
2775	39.6	+17 55	9.5	10.21	08	4	20	..	3747	43.4	−16 30	8.6	8.98	06	1	22	..
..	39.8	+ 0 40	..	11.82	08	2	8	..	"	"	" "	"	9.16	06b	1	"	..
2617	39.9	+15 26	9.1	9.48	08	4	20	..	"	"	" "	"	9.32	07	1	"	..
2618	40.0	+14 56	9.2	9.53	08	4	20	..	"	"	" "	"	9.07	07b	1	"	..
2776	40.2	+18 20	9.2	9.98	08	4	20	..	3748	43.5	−16 58	8.9	9.30	06	2	22	..
3095	40.3	+ 0 42	9.5	10.93	08	2	8	..	"	"	" "	"	9.31	07	1	"	..
2710	40.4	+18 52	7.7	7.91	08	4	20	..	"	"	" "	"	9.32	07b	1	"	..
2547	40.4	+15 48	9.3	9.58	08	4	20	..	*2027*	43.6	+49 49	2.0	1.87	04c	1	13	04
3096	40.5	+ 0 32	9.5	10.57	01	3	9	..	"	"	" "	"	1.80	04d	1	"	11
2549	40.6	+15 54	9.3	9.82	08	4	20	..	"	"	" "	"	2.20	05c	1	"	*29*
2620	40.6	+15 27	8.5	8.34	08	6	R	..	"	"	" "	"	1.55	05d	1	"	36
"	"	" "	"	8.74	08b	2	19	..	3938	44.5	−17 21	9.0	9.59	06	2	22	..
2621	40.7	+15 00	9.4	9.96	08	4	20	..	"	"	" "	"	9.81	07	1	"	..
2777	40.8	+18 13	9.0	9.43	08	4	20	..	"	"	" "	"	10.18	07b	1	"	..
2422	40.9	+40 54	8.0	9.14	08	2	19	..	2564	44.6	+16 17	4.2	4.16	03c	2	13	12
"	"	" "	"	8.94	08b	2	"	..	"	"	" "	"	4.41	03d	2	"	*13*
2816	40.9	+ 3 37	9.5	10.29	01	3	9	..	"	"	" "	"	4.02	04b	1	"	26
2711	41.0	+18 50	8.9	9.46	08	4	20	..	"	"	" "	"	4.22	04c	1	"	06

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2852	13 44.6	+ 1 23	9.3	10.00	01	3	9	..
3751	44.6	−16 32	9.0	9.42	06	2	22	..
"	"	" "	"	9.26	07	1	"	..
"	"	" "	"	9.26	07b	1	"	..
2631	45.1	+15 22	8.3	8.28	08	2	19	..
"	"	" "	"	8.23	08b	2	"	..
2457	45.4	+37 6	6.5	6.33	08b	3	12	02
"	"	" "	"	6.30	08c	3	"	05
2800	45.4	+ 5 59	6.4	6.14	08b	3	12	11
"	"	" "	"	6.17	08c	3	"	08
2460	45.5	+29 38	9.0	9.60	99	3	1	01
2820	45.5	+ 3 10	9.3	9.95	01	3	9	..
2789	45.6	+ 4 7	9.5	10.63	01	3	9	..
3107	45.8	+ 0 29	9.5	11.50	01	3	9	..
3942	45.8	−17 22	9.1	9.80	06	2	22	..
"	"	" "	"	9.97	07	1	"	..
"	"	" "	"	10.00	07b	1	"	..
11329	45.9	−23 54	6.7	6.88	08b	3	12	*40*
"	"	" "	"	6.96	08c	3	"	*48*
2733	46.4	+ 2 8	9.5	10.23	01	3	9	..
2134	46.8	+44 52	8.8	9.39	08	3	1	18
"	"	" "	"	9.53	08b	3	"	04
2496	47.4	+34 57	5.7	4.81	04b	3	13	15
"	"	" "	"	4.92	04c	3	"	04
3758	47.5	−17 10	9.1	9.74	06	2	22	..
"	"	" "	"	9.46	07	1	"	..
"	"	" "	"	9.74	07b	1	"	..
2462	47.6	+29 37	9.4	9.62	00	1	25	..
2676	47.8	+17 13	7.2	6.78	08	2	19	00
"	"	" "	"	6.76	08b	2	"	02
3756	47.8	−15 29	7.8	7.94	05	4	1	01
"	"	" "	"	7.81	06	4	"	14
"	"	" "	"	7.93	07	1	"	02
"	"	" "	"	7.48	07b	1	"	47
3762	48.4	−15 17	8.4	8.60	05	4	1	06
"	"	" "	"	8.58	06	5	"	08
"	"	" "	"	8.70	07	1	"	*04*
"	"	" "	"	8.62	07b	1	"	04
963	48.5	+65 13	4.8	4.54	05b	1	13	23
"	"	" "	"	4.83	05c	3	"	*06*
"	"	" "	"	4.84	05d	1	"	*07*
2434	48.9	+40 51	6.7	6.52	08	2	19	22
"	"	" "	"	6.50	08b	2	"	24
3959	49.3	−17 14	8.9	8.78	06	3	22	..
"	"	" "	"	8.76	06b	1	"	..
3108	49.4	+ 0 1	9.5	11.20	01	3	9	..
2826	49.5	+ 3 13	9.5	11.18	01	3	9	..
2740	49.5	+ 2 29	8.9	9.12	01	1	25	..
2741	49.6	+ 2 30	9.5	11.26	01	2	9	..
"	"	" "	"	10.98	01g	1	"	..
2725	13 49.9	+18 54	3.2	2.88	03c	2	13	*08*
"	"	" "	"	2.69	03d	2	"	11
"	"	" "	"	2.41	04c	1	"	39
2137	50.0	+45 13	8.3	8.98	08	3	18	..
"	"	" "	"	9.12	08b	3	"	..
2800	50.0	+ 4 24	9.2	8.79	01	1	25	..
2801	50.1	+ 4 22	9.5	10.66	01	3	9	..
3961	50.3	−17 45	8.0	7.66	06	4	24	..
"	"	" "	"	7.70	07	2	"	..
"	"	" "	"	7.70	07b	2	"	..
3962	50.4	−17 25	9.4	10.20	06	2	25	..
"	"	" "	"	10.63	07	2	"	..
2728	50.5	+19 11	7.9	7.96	08	2	19	..
"	"	" "	"	7.96	08b	2	"	..
2862	50.6	+ 1 10	9.0	9.51	01	3	9	..
3833	51.4	−15 8	9.1	9.54	05	4	1	*23*
"	"	" "	"	9.55	06	4	"	*24*
"	"	" "	"	9.36	07	2	"	*05*
"	"	" "	"	9.61	07b	2	"	*30*
3809	51.6	−10 13	9.2	9.37	02	3	1	24
3113	51.7	+ 0 41	8.8	9.28	08	2	8	01
3966	51.8	−17 57	9.0	9.71	06	3	22	..
"	"	" "	"	9.57	07	1	"	..
"	"	" "	"	9.62	07b	1	"	..
3687	51.9	−22 32	6.6	6.55	08b	3	12	*27*
"	"	" "	"	6.71	08c	3	"	*43*
2835	52.4	+ 3 4	9.5	10.18	01	3	9	..
3969	52.8	−18 7	9.0	9.12	06	2	22	..
"	"	" "	"	9.56	06b	1	"	..
3970	53.6	−17 37	8.8	9.28	06	4	22	..
2808	53.8	+ 4 23	9.0	9.20	01	3	9	..
2868	53.8	+ 1 27	9.5	10.18	01	3	9	..
2754	54.0	+ 2 41	9.3	9.75	01	3	9	..
3796	54.1	−10 15	9.1	9.57	02	3	1	29
3597	54.2	− 4 56	6.8	7.73	02	3	1	*43*
3768	54.6	− 3 3	6.4	6.39	08b	3	12	*09*
"	"	" "	"	6.51	08c	3	"	*21*
3119	54.9	+ 0 31	9.0	9.53	01	3	9	..
2811	55.0	+ 4 47	8.7	8.39	01	3	1	02
"	"	" "	"	8.39	01g	3	"	02
"	"	" "	"	8.53	02	1	"	*12*
"	"	" "	"	8.30	02g	1	"	11
1637	55.7	+54 37	9.0	8.66	01	1	1	00
"	"	" "	"	8.39	01g	1	"	27
2815	56.4	+ 4 36	8.2	8.02	01	4	1	03
"	"	" "	"	7.90	01g	4	"	15
"	"	" "	"	8.31	03	1	"	*26*
"	"	" "	"	8.00	03g	1	"	05
3604	56.5	− 5 11	8.3	8.46	02	3	1	14
2761	56.6	+ 2 2	4.2	4.34	01i	2	1	24

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	13 56.6	+ 2 2	4.2	3.52	01gi	1	1	82	*3688*	13 59.1	− 9 3	8.0	8.67	02	1	25	..
"	"	" "	"	4.32	03c	2	13	02	2767	59.2	+ 2 11	9.3	10.56	01	1	9	..
"	"	" "	"	4.44	03d	2	"	*10*	"	"	" "	"	10.66	01g	1	"	..
"	"	" "	"	4.47	04b	1	"	*13*	"	"	" "	"	10.37	03	1	"	..
"	"	" "	"	4.11	04c	1	"	23	3801	59.4	− 5 21	8.8	8.84	02	3	1	31
2875	56.8	+ 1 26	9.3	10.95	01r	1	9	..	..	59.4	− 8 50	..	12.96	02	12	4	..
"	"	" "	"	10.71	03	1	"	..	..	59.5	− 8 45	..	12.71	02	12	4	..
1640	56.9	+54 14	8.7	8.68	01	2	25	..	*3691*	59.5	− 9 7	8.8	9.37	02	6	4	..
"	"	" "	"	8.02	01g	1	"	..	2768	59.6	+ 2 47	6.7	6.41	08b	3	12	*06*
3124	56.9	+ 0 43	8.9	9.38	08	1	8	*49*	"	"	" "	"	6.53	08c	3	"	*18*
3985	57.2	−18 0	9.1	9.29	06	4	22	..	..	59.6	− 8 50	..	11.80	02	6	4	..
2454	57.7	+40 57	6.5	7.01	08	2	19	*05*	3693	59.9	− 8 34	8.0	8.28	02	6	4	..
"	"	" "	"	6.74	08b	2	"	22	2486	14 0.0	+29 37	8.0	7.54	08	4	18	..
2844	57.7	+ 3 5	9.5	10.98	01r	1	9	..	"	"	" "	"	7.69	08b	4	"	..
"	"	" "	"	11.04	03	1	"	..	..	0.0	− 8 41	..	11.38	02	6	4	..
3685	57.7	− 9 2	8.5	8.73	02	6	4	..	..	0.2	− 8 53	..	12.53	02	6	4	..
1649	57.8	+54 51	8.5	8.87	01	1	1	04	*2511*	0.4	+37 49	9.3	10.20	09	4	7	..
"	"	" "	"	8.96	01g	1	"	*05*	2487	0.4	+29 44	9.0	9.48	08	4	1	18
2750	57.8	+19 37	8.0	8.55	08	2	19	*10*	"	"	" "	"	9.76	08b	4	"	*10*
"	"	" "	"	8.38	08b	2	"	07	..	0.4	+13 59	..	12.49	05	5	3	..
2818	57.9	+ 4 33	9.4	10.30	01	1	9	..	"	"	" "	"	12.56	06	2	"	..
"	"	" "	"	9.48	01g	1	"	..	3694	0.4	− 8 45	9.5	10.38	02	6	4	..
"	"	" "	"	9.86	03	1	"	..	2696	0.6	+14 15	9.5	10.40	05	4	3	..
3988	58.0	−18 1	9.1	9.46	06	4	22	..	"	"	" "	"	10.36	06	2	"	..
3810	58.1	−10 29	7.8	7.84	02	6	1	*38*	..	0.7	+13 58	..	11.72	05	5	3	..
2658	58.2	+15 28	7.0	7.12	05	2	1	04	"	"	" "	"	11.86	06	2	"	..
"	"	" "	"	7.20	05b	2	"	*04*	3132	0.7	+ 0 38	9.5	10.12	01	1	9	..
"	"	" "	"	7.23	06	2	"	*07*	"	"	" "	"	10.39	01g	1	"	..
3811	58.2	−10 15	7.7	7.54	02	6	1	17	"	"	" "	"	9.69	03	1	"	..
3989	58.2	−17 57	9.1	9.66	06	4	22	..	2828	0.8	+ 4 40	9.5	10.32	01	1	9	..
3128	58.3	− 0 9	8.5	7.95	01	2	1	*07*	"	"	" "	"	10.62	01g	1	"	..
"	"	" "	"	7.96	01g	2	"	*08*	"	"	" "	"	9.87	03	1	"	..
"	"	" "	"	7.98	03	1	"	*10*	..	0.9	+37 57	..	10.46	09	4	7	..
"	"	" "	"	7.68	03g	1	"	20	2852	1.0	+ 3 40	9.3	9.93	01	1	9	..
3824	58.3	−21 56	6.5	6.67	08b	3	12	*46*	"	"	" "	"	10.00	01g	1	"	..
"	"	" "	"	6.88	08c	3	"	*67*	"	"	" "	"	9.61	03	1	"	..
3129	58.4	+ 0 19	9.5	10.70	01	1	9	..	2718	1.1	+39 11	9.3	10.07	09	4	7	..
"	"	" "	"	10.84	01g	1	"	..	2697	1.1	+14 11	9.3	9.59	05	4	3	..
"	"	" "	"	10.45	03	1	"	..	"	"	" "	"	10.06	06	2	"	..
2625	58.6	+11 16	7.0	6.41	08b	3	12	02	..	1.1	+14 2	..	12.54	05	3	3	..
"	"	" "	"	6.29	08c	3	"	14	"	"	" "	"	12.65	06	2	"	..
2810	58.6	+ 8 1	7.0	6.42	08b	3	12	*07*	1555	1.2	+59 43	9.2	9.20	01	3	1	06
"	"	" "	"	6.46	08c	3	"	*11*	..	1.2	+13 56	..	11.26	05	4	3	..
2722	58.8	+39 55	8.8	9.28	09	4	1	19	"	"	" "	"	11.14	06	2	"	..
3687	58.8	− 8 35	9.5	10.79	02	7	4	..	*3874*	1.2	−15 3	9.3	9.74	02	2	1	05
2836	58.9	+ 5 23	6.5	6.33	08b	3	12	*05*	"	"	" "	"	10.16	06	2	1	*37*
"	"	" "	"	6.14	08c	3	"	14	*2512*	1.4	+37 56	8.8	9.35	09	4	7	..
2742	59.1	+13 13	7.0	7.26	05	2	1	*14*	2698	1.4	+14 20	9.4	10.25	05	4	3	..
"	"	" "	"	7.06	05b	2	"	06	"	"	" "	"	10.40	06	2	"	..
"	"	" "	"	7.15	06	2	"	*03*	*2699*	1.4	+13 51	9.4	10.01	05	8	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	14 1.4	+13 51	9.4	10.29	06	4	3	..	2862	14 5.7	+ 3 9	9.5	10.42	01	1	9	..
1507	1.5	+59 51	9.1	9.38	01	3	1	13	“	“	“ “	“	10.63	02	1	“	..
..	1.5	+14 12	..	11.94	05	4	3	..	“	“	“ “	“	10.43	03	1	“	..
“	“	“ “	“	11.92	06	2	“	..	3824	5.7	− 5 30	6.8	7.51	02	3	1	*21*
2887	1.5	+ 1 17	9.5	11.24	01	1	9	..	2737	5.8	+25 34	4.8	4.63	03c	1	13	19
“	“	“ “	“	11.48	01g	1	“	..	“	“	“ “	“	4.97	03d	1	“	*15*
“	“	“ “	“	10.69	03	1	“	..	“	“	“ “	“	4.84	04b	2	“	*02*
3616	1.5	− 5 2	7.8	8.32	02	3	1	*07*	“	“	“ “	“	4.93	04c	2	“	*11*
978	1.7	+64 51	3.4	3.67	05c	4	13	*03*	2674	6.0	+15 46	7.4	6.88	05	2	1	15
“	“	“ “	“	3.70	05d	4	“	*06*	“	“	“ “	“	6.78	05b	2	“	25
2772	1.7	+ 2 24	9.0	9.20	01	1	9	..	“	“	“ “	“	6.90	06	2	“	13
“	“	“ “	“	9.48	01g	1	“	..	2835	6.1	+ 4 35	9.5	10.61	01	1	9	..
“	“	“ “	“	8.97	03	1	“	..	“	“	“ “	“	11.04	02	1	“	..
3809	1.7	−15 43	7.5	7.80	02	3	1	*75*	“	“	“ “	“	10.38	03	1	“	..
2719	1.8	+39 17	9.1	10.15	09	4	7	..	*3873*	6.2	−10 8	8.7	8.66	02	6	1	05
2824	1.8	+18 23	7.0	7.72	05	2	1	*10*	1560	6.3	+59 38	8.8	9.12	01	3	1	*01*
“	“	“ “	“	7.62	05b	2	“	00	2744	6.3	+40 0	7.5	7.89	09	4	1	08
“	“	“ “	“	7.69	06	2	“	*07*	2697	6.3	+24 41	9.0	9.59	08	4	1	12
2513	2.0	+38 25	9.5	11.06	09	4	7	..	..	6.3	+ 0 46	..	11.14	08	2	8	..
3972	3.8	−12 41	9.5	10.15	02	6	4	..	*2745*	6.5	+39 53	8.4	8.92	09	4	1	05
2725	4.0	+39 45	9.0	9.32	09	4	1	*10*	*2783*	6.5	+ 1 50	6.6	6.36	08b	3	12	*06*
2830	4.0	+18 6	7.3	7.69	05	2	1	07	“	“	“ “	“	6.41	08c	3	“	*11*
“	“	“ “	“	7.70	05b	2	“	06	11551	6.7	−23 53	6.7	7.04	08b	3	12	*59*
“	“	“ “	“	7.72	06	2	“	04	“	“	“ “	“	7.08	08c	3	“	*63*
..	4.1	+ 0 41	..	12.80	08	2	8	..	2443	6.9	+32 45	6.5	6.15	08b	3	12	09
..	4.2	+ 0 39	..	12.47	08	2	8	..	“	“	“ “	“	6.26	08c	3	“	*02*
..	4.3	−12 59	..	12.45	02	12	4	..	*2867*	7.2	+ 2 53	4.8	4.81	01i	1	1	09
3141	4.6	+ 0 25	9.5	10.91	01	1	9	..	“	“	“ “	“	5.18	02i	1	“	*28*
“	“	“ “	“	11.35	01g	1	“	..	“	“	“ “	“	5.12	03b	1	13	*22*
“	“	“ “	“	10.82	03	1	“	..	“	“	“ “	“	4.98	03c	1	“	*08*
3979	4.6	−12 49	9.5	9.72	02	6	4	..	“	“	“ “	“	4.77	03i	1	1	13
3142	4.8	− 0 11	7.5	7.35	01	2	1	08	“	“	“ “	“	4.78	04b	1	13	12
“	“	“ “	“	7.44	01g	2	“	*01*	“	“	“ “	“	5.08	04c	1	“	*18*
“	“	“ “	“	7.56	02	1	“	*13*	3878	7.6	− 9 48	4.0	4.43	03b	4	13	*12*
“	“	“ “	“	7.19	02g	1	“	24	“	“	“ “	“	4.58	03c	5	“	*27*
“	“	“ “	“	7.42	03	1	“	01	“	“	“ “	“	4.44	03d	1	“	*13*
“	“	“ “	“	7.28	03g	1	“	15	*2898*	7.7	+ 0 49	8.5	8.34	08	2	8	15
3980	4.8	−12 53	9.0	8.95	02	5	4	*17*	*3900*	7.7	−15 10	8.3	8.92	02	4	1	*36*
3981	4.8	−12 47	10	10.87	02	5	4	..	“	“	“ “	“	8.72	06	2	1	*16*
2894	4.9	+ 1 42	9.4	10.36	01	1	9	..	“	“	“ “	“	9.10	08	4	18	*54*
“	“	“ “	“	9.60	02	1	“	..	“	“	“ “	“	8.94	08b	4	“	*38*
“	“	“ “	“	10.12	03	1	“	..	2731	7.8	+39 19	7.8	8.93	09	4	1	*21*
2275	5.0	+49 29	9.4	10.06	00	1	25	..	*3901*	7.8	−15 9	9.0	9.15	02	3	1	01
3984	5.0	−12 41	9.5	10.49	02r	5	4	..	“	“	“ “	“	9.24	06	2	1	*08*
..	5.0	−12 55	..	12.74	02	10	4	..	..	7.9	+ 0 49	..	11.19	08	2	8	..
..	5.2	+ 0 45	..	11.52	08	2	8	..	..	8.4	+ 0 50	..	11.34	08	2	8	..
3990	5.4	−12 40	9.5	10.08	02	6	4	..	..	8.4	+ 0 48	..	11.73	08	2	8	..
2778	5.5	+ 2 11	9.4	9.91	01	1	9	..	1653	8.6	+54 42	8.5	8.94	01	1	1	12
“	“	“ “	“	9.86	02	1	“	..	“	“	“ “	“	9.14	01g	1	“	*08*
“	“	“ “	“	9.66	03	1	“	..	3149	8.6	+ 0 45	9.3	9.87	08	2	8	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
2839	14	8.7	+ 4	46	8.5	8.51	01	1	1	*25*
“		“	“	“	“	8.31	01g	1	“	*05*
“		“	“	“	“	7.97	02	1	“	29
“		“	“	“	“	7.87	02g	1	“	39
“		“	“	“	“	8.09	03	1	“	17
“		“	“	“	“	8.05	03g	1	“	21
“		“	“	“	“	8.06	04	1	“	20
“		“	“	“	“	8.10	04b	1	“	16
..		8.8	+ 0	44	..	12.08	08	2	8	..
3150		8.9	+ 0	14	9.5	10.37	01	1	9	..
“		“	“	“	“	10.06	02	1	“	..
“		“	“	“	“	10.34	03	1	“	..
3151		8.9	+ 0	46	9.5	11.07	08	2	8	..
478		9.2	+78	1	5.0	5.10	05b	1	13	*10*
“		“	“	“	“	5.18	05c	3	“	*18*
“		“	“	“	“	5.06	05d	2	“	*06*
3153		9.7	+ 0	42	9.0	9.36	08	2	8	03
1782		9.9 9.9	+52 +52	16 16	4.5	4.45	04b	2	13	*01*
“		“	“	“	“	4.40	04c	2	“	04
“		“	“	“	“	4.37	05c	1	“	07
“		“	“	“	“	4.38	05d	1	“	06
2841		9.9	+ 3	47	6.7	6.57	08br	3	12	05
“		“	“	“	“	6.83	08c	3	“	*21*
2842		10.0	+ 4	15	9.2	9.44	01	1	9	..
“		“	“	“	“	9.15	02	1	“	..
“		“	“	“	“	9.32	03	1	“	..
2905		10.0	+ 1	25	9.5	9.91	01	1	9	..
“		“	“	“	“	9.79	02	1	“	..
“		“	“	“	“	9.64	03	1	“	..
2678		10.1	+22	21	6.5	6.38	08b	3	12	02
“		“	“	“	“	6.34	08c	3	“	06
3837		10.3	−15	38	7.7	8.07	02	3	1	*07*
“		“	“	“	“	7.79	06	6	“	21
2796		10.5	+ 2	28	9.2	10.40	01	1	9	..
“		“	“	“	“	10.35	02	1	“	..
“		“	“	“	“	10.20	03	1	“	..
2875		10.7	+ 3	30	9.2	9.54	01	1	9	..
“		“	“	“	“	9.95	02	1	“	..
“		“	“	“	“	9.79	03	1	“	..
3843		10.8	− 5	31	4.5	4.09	03b	2	13	07
“		“	“	“	“	4.17	03c	6	“	*01*
“		“	“	“	“	3.97	03d	2	13	19
1566		11.2	+59	42	8.3	8.98	01	3	1	*17*
4053		11.6	−18	7	6.5	6.38	08b	3	12	*01*
“		“	“	“	“	6.56	08c	3	“	*19*
1699		11.8	+52	59	7.0	6.38	08b	4	12	06
“		“	“	“	“	6.55	08c	2	“	*11*
2954		11.9	+20	35	7.0	6.28	08b	3	12	08
“		“	“	“	“	6.30	08c	3	“	06
..	14	12.4	+67	17	..	12.50	07	4	4	..
1658		12.4	+53	56	8.8	8.77	99	3	2	*14*
“		“	“	“	“	8.74	09	6	“	*11*
2752		12.5	+24	56	9.0	10.09	08	3	1	01
2712		12.5	+24	40	8.9	9.47	08	3	1	*16*
..		12.6	+67	25	..	11.20	07	4	4	..
1784		12.6	+51	50	4.5	4.79	04b	2	13	*01*
“		“	“	“	“	4.72	04c	2	“	06
“		“	“	“	“	4.78	05c	2	“	00
“		“	“	“	“	4.87	05d	2	“	*09*
1949		12.6	+46	33	4.0	4.42	04b	1	13	*16*
“		“	“	“	“	3.98	04c	1	“	28
“		“	“	“	“	4.36	05c	2	“	*10*
“		“	“	“	“	4.26	05d	2	“	00
3964		12.7	− 7	4	6.5	6.74	08b	3	12	*24*
“		“	“	“	“	6.73	08c	3	“	*23*
2846		13.0	+ 4	31	9.5	10.25	01	1	9	..
“		“	“	“	“	10.26	02	1	“	..
“		“	“	“	“	10.37	03	1	“	..
..		13.3	+67	20	..	12.56	07	4	4	..
3161		13.3	+ 0	21	9.5	10.77	01	1	9	..
“		“	“	“	“	10.49	02	1	“	..
..		“	“	“	“	10.52	03	1	“	..
..		13.5	+84	13	..	12.78	99	3	2	..
4018		13.7	−12	55	4.8	4.67	03b	3	13	*07*
“		“	“	“	“	4.66	03c	3	“	*06*
3846		13.7	−15	18	9.0	9.86	06	6	1	*20*
1908		13.8	+51	46	6.8	6.05	08b	4	12	04
“		“	“	“	“	6.08	08c	2	“	01
2468		13.8	+35	58	4.8	4.98	04b	2	13	*15*
“		“	“	“	“	4.99	04c	2	“	*16*
“		“	“	“	“	4.75	05c	1	“	08
“		“	“	“	“	4.93	05d	1	“	*10*
3909		13.8	−10	9	8.5	8.41	02	3	1	25
2188		14.1	+48	27	6.6	6.24	08b	4	12	01
“		“	“	“	“	6.12	08c	2	“	13
2957		14.1	+20	18	8.3	8.22	02	6	7	..
2849		14.1	+ 4	38	8.7	8.22	01	1	1	*02*
“		“	“	“	“	8.79	01g	1	“	*59*
“		“	“	“	“	8.70	02	2	“	*50*
“		“	“	“	“	8.60	02g	2	“	*40*
“		“	“	“	“	8.51	03	2	“	*31*
“		“	“	“	“	8.60	03g	2	“	*40*
“		“	“	“	“	8.22	04	2	“	*02*
“		“	“	“	“	8.54	04b	2	“	*34*
2912		14.1	+ 1	40	9.5	10.62	02	1	9	..
“		“	“	“	“	10.62	03	1	“	..
“		“	“	“	“	10.56	04	1	“	..
..		14.4	+67	15	..	10.96	07	4	4	..
2694		14.4	+14	56	9.3	9.60	08	4	1	*06*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	14 14.4	+14 56	9.3	9.73	08b	4	1	*19*
2879	14.4	+ 3 3	9.3	10.18	02	1	9	..
“	“	“ “	“	10.26	03	1	“	..
“	“	“ “	“	10.03	04	1	“	..
2801	14.5	+ 2 31	9.5	10.73	03	1	9	..
“	“	“ “	“	10.52	04	2	“	..
2802	14.5	+ 2 5	8.5	8.92	08	2	19	..
“	“	“ “	“	8.68	08b	2	“	..
830	14.6	+67 19	9.5	10.66	07	4	4	..
2913	14.6	+ 0 51	6.3	6.18	04	1	1	*01*
“	“	“ “	“	5.89	04b	1	“	28
2695	14.7	+15 23	8.2	8.01	08	4	18	..
“	“	“ “	“	8.38	08b	4	“	..
2961	14.9	+20 0	9.1	9.10	02	6	7	..
2962	15.1	+19 57	8.7	8.75	02	6	7	..
2637	15.1	+16 46	5.3	4.75	03b	1	13	22
“	“	“ “	“	5.27	03c	1	“	*30*
“	“	“ “	“	4.78	04b	2	“	19
“	“	“ “	“	5.06	04c	2	“	*09*
2605	15.8	+30 53	6.5	6.45	08b	4	12	*11*
“	“	“ “	“	6.46	08c	2	“	*12*
..	15.8	+19 38	..	12.64	03	10	14	..
1575	16.1	+59 46	8.5	8.52	01	3	1	09
743	16.2	+69 42	7.7	8.21	07	4	1	*02*
2554	16.2	+26 31	7.0	6.80	08	2	19	06
“	“	“ “	“	6.44	08b	2	“	42
3882	16.5	−10 12	8.0	7.92	02	3	1	09
2723	16.6	+24 38	7.7	7.86	08	3	1	35
2967	16.9	+20 6	9.4	9.99	02	6	7	..
2968	17.0	+19 49	8.4	8.81	02	6	25	*21*
“	“	“ “	“	8.60	02g	6	“	00
“	“	“ “	“	8.58	02	6	7	02
3859	17.1	−15 17	9.1	9.52	06	5	1	*01*
2969	17.3	+20 11	9.3	9.99	02	6	7	..
831	17.4	+67 33	8.0	8.23	07	4	4	..
2971	17.5	+20 38	9.5	11.38	02	12	7	..
1663	17.6	+54 15	9.5	10.28	01	12	2	..
2856	17:7	+ 4 16	9.5	10.58	03	1	9	..
“	“	“ “	“	10.64	04	2	“	..
3171	17.7	− 0 11	7.0	6.90	04	1	1	*26*
“	“	“ “	“	6.34	04b	1	“	30
2643	17.9	+20 59	8.2	8.27	02	6	7	..
3172	17.9	+ 0 6	9.5	10.54	03	1	9	..
“	“	“ “	“	10.51	04	2	“	..
2559	18.0	+25 59	8.0	8.40	06	6	17	..
“	“	“ “	“	8.42	06b	2	“	..
2919	18.1	+ 1 10	9.5	11.02	03	1	9	..
“	“	“ “	“	10.77	04	2	“	..
2920	18.1	+·1 43	6.5	6.19	04	2	1	15
“	“	“ “	“	6.30	04b	2	“	04
	h. m.	° ′						
A	14 18.1	+ 1 43	6.5	6.21	08	2	19	13
“	“	“ “	“	5.91	08b	2	“	43
..	18.2	+84 29	..	12.33	99	3	2	..
“	“	“ “	“	12.63	00	5	“	..
“	“	“ “	“	12.32	01	2	“	..
“	“	“ “	“	12.45	06	12	“	..
832	18.2	+67 21	8.0	8.23	07	4	4	..
833	18.2	+67 14	9.0	9.60	07	4	4	..
2884	18.2	+ 3 14	9.5	10.04	03	1	9	..
“	“	“ “	“	10.08	04	2	“	..
2808	18.2	+ 2 42	9.4	9.79	03	1	9	..
“	“	“ “	“	9.57	04	2	“	..
..	18.3	+54 30	..	12.84	01	6	2	..
..	18.4	+54 10	..	12.64	01	6	2	..
834	18.5	+66 57	9.2	9.97	07	4	4	..
2882	18.5 18.5	+ 8 54 + 8 54	5.0	4.86	04b	3	13	01
“	“	“ “	“	4.82	04c	3	“	05
1668	18.6	+53 59	7.5	7.52	99	3	2	*09*
“	“	“ “	“	7.64	09	6	“	*21*
1670	18.9	+54 20	9.5	10.37	99	3	2	..
“	“	“ “	“	10.62	09	6	“	..
2729	18.9	+24 15	9.4	9.94	08	4	20	..
..	19.0	+84 17	..	13.08	99	1	2	..
2973	19.0	+20 37	9.5	9.97	02	12	7	..
2857	19.0	+ 8 42	7.0	5.92	08b	3	12	*18*
“	“	“ “	“	5.87	08c	3	“	*13*
..	19.1	+54 18	..	13.76	99	1	2	..
2730	19.3	+24 44	9.0	9.74	08	5	20	*13*
3736	19.3	−11 13	6.5	6.54	08b	3	12	*06*
“	“	“ “	“	6.58	08c	3	“	*10*
..	19.4	+54 21	..	12.29	99	3	2	..
“	“	“ “	“	12.40	01	6	“	..
“	“	“ “	“	12.16	09	6	“	..
2858	19.4	+ 8 33	7.3	6.29	08b	3	12	*07*
“	“	“ “	“	6.38	08c	3	“	*16*
..	19.8	+54 11	..	12.82	99	3	2	..
“	“	“ “	“	12.84	01	6	“	..
“	“	“ “	“	12.76	09	6	“	..
2691	19.8	+23 31	9.3	10.20	08	4	20	..
2878	19.8	+ 5 26	9.3	9.46	05	6	3	..
1673	19.9	+54 1	9.4	10.02	99	4	2	..
“	“	“ “	“	10.12	09	6	“	..
3880	19.9	−19 31	7.0	6.82	08b	4	12	*39*
“	“	“ “	“	6.87	08c	2	“	*44*
2878	20.1	+ 6 4	7.7	7.28	05	6	3	..
..	20.2	+84 29	..	12.34	00	5	2	..
“	“	“ “	“	12.15	01	2	“	..
“	“	“ “	“	12.38	06	6	“	..
835	20.2	+67 0	7.3	8.12	07	4	4	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2975	14 20.3	+19 58	8.1	8.45	02	6	7	*05*	..	14 22.2	+ 4 51	..	12.04	05	6	3	..
2731	20.7	+24 8	9.1	9.58	08	4	20	..	1679	22.3	+54 10	8.5	8.31	99	3	2	09
2889	20.7	+ 3 40	9.5	10.67	03	1	9	..	"	"	" "	"	8.22	09	6	"	18
"	"	" "	"	10.68	04	2	"	..	..	22.3	+24 5	..	10.32	08	4	20	..
2926	20.8	+ 1 37	9.0	9.59	08	1	25	..	2880	22.3	+ 5 43	8.4	8.04	05	6	3	..
"	"	" "	"	9.91	08b	1	"	..	..	22.4	+54 17	..	10.84	99	3	2	..
2879	20.9	+ 5 18	7.8	7.76	05	6	3	..	"	"	" "	"	11.00	09	6	"	..
2927	20.9	+ 1 27	7.0	7.18	05	4	1	*17*	..	22.5	+ 5 20	..	11.28	05	14	3	..
"	"	" "	"	6.97	05b	2	"	04	..	22.5	+ 5 8	..	12.03	05	6	3	..
1677	21.0	+53 55	9.3	9.62	99	3	2	08	..	22.7	+84 16	..	12.90	99	3	2	..
"	"	" "	"	9.79	09	6	"	*09*	"	"	" "	"	13.10	06	13	..	..
2733	21.0	+24 7	9.0	9.40	08	4	20	..	*2827*	22.7	− 1 6	9.0	9.19	09	4	7	..
2881	21.0	+ 5 57	8.7	8.85	05	7	3	..	..	22.8	+ 5 1	..	12.35	05	7	3	..
..	21.1	+24 7	..	9.90	08	4	20	..	2828	22.8	− 0 33	9.5	10.41	09	4	7	..
2929	21.1	+ 1 30	9.5	10.34	03	1	9	..	2866	23.0	+ 4 41	8.5	8.25	01	1	1	25
"	"	" "	"	10.26	04	2	"	..	"	"	" "	"	8.70	01g	1	"	*20*
..	21.2	+54 15	..	11.37	99	1	2	..	"	"	" "	"	8.54	03r	2	"	*04*
2734	21.2	+24 4	9.0	9.17	08	4	20	..	"	"	" "	"	8.30	03g	2	"	20
3181	21.3	+ 0 36	9.4	10.40	03	1	9	..	"	"	" "	"	8.24	04	2	"	26
"	"	" "	"	10.40	04	2	"	..	"	"	" "	"	8.67	04b	2	"	*17*
322	21.4	+84 24	8.0	8.37	99	2	2	15	*3186*	23.0	− 0 10	8.8	9.18	01	1	1	30
"	"	" "	"	8.32	00	3	"	20	"	"	" "	"	9.43	01g	1	"	05
"	"	" "	"	8.44	01	1	"	08	"	"	" "	"	9.43	02	1	"	05
"	"	" "	"	8.43	06	12	"	09	"	"	" "	"	9.39	02g	1	"	09
3182	21.4	+ 0 45	9.1	9.58	03	1	9	..	"	"	" "	"	9.02	04	2	"	46
"	"	" "	"	9.74	04	2	"	..	"	"	" "	"	9.33	04b	2	"	15
1709	21.5	+53 32	9.0	8.91	99	3	2	22	2957	23.0	− 1 47	5.0	4.81	03b	5	13	16
"	"	" "	"	8.96	09	6	"	17	"	"	" "	"	4.92	03c	5	"	05
2820	21.6	+ 2 35	9.5	10.18	03	1	9	..	..	23.1	+23 41	..	10.68	08	4	20	..
"	"	" "	"	10.14	04	2	"	..	2867	23.4	+ 4 46	9.5	10.70	05	6	3	..
..	21.7	+54 13	..	12.08	99	3	2	..	..	23.5	+84 21	..	11.10	06	6	2	..
"	"	" "	"	12.04	09	6	"	..	2504	23.5	+41 28	6.5	6.52	08b	3	12	*02*
..	21.7	+24 23	..	10.10	08	4	20	..	"	"	" "	"	6.60	08c	3	"	*10*
2883	21.7	+ 6 24	7.5	7.30	05	4	1	*06*	2891	23.5	+ 6 8	7.6	7.36	05	6	3	..
"	"	" "	"	7.28	05	2	"	*04*	..	23.6	+84 22	..	10.80	99	2	2	..
..	21.7	+ 4 52	..	11.16	05	6	3	...	2767	23.6	+39 19	9.5	10.90	02	12	4	..
1804	21.8	+52 19	4.0	4.20	04b	2	13	*14*	2896	23.6	+ 3 14	7.3	7.15	05	4	1	*05*
"	"	" "	"	4.08	04c	2	"	*02*	"	"	" "	"	6.87	05b	2	"	23
"	"	" "	"	3.72	05c	1	"	34	2556	23.7	+38 43	9.4	10.60	02	6	4	..
"	"	" "	"	4.09	05d	1	"	*03*	2882	23.7	+ 5 39	8.5	7.94	05	6	3	..
..	21.8	+24 16	..	10.53	08	4	20	..	2870	23.7	+ 4 46	9.5	10.35	05	6	3	..
2863	21.8	+ 4 45	9.5	10.36	03	1	9	..	*2883*	23.8	+ 4 53	9.5	10.04	05	6	3	..
"	"	" "	"	10.06	04	2	"	..	1714	24.0	+53 45	7.8	7.95	99	3	2	*01*
"	"	" "	"	10.08	05r	6	3	..	"	"	" "	"	7.87	09	6	"	07
2933	21.9	+ 1 34	8.2	8.21	08	1	19	..	2871	24.0	+ 4 10	7.5	7.02	05	5	1	02
"	"	" "	"	7.82	08b	1	"	..	"	"	" "	"	7.23	05b	2	"	*19*
2825	22.0	− 0 41	9.5	9.60	09	4	7	..	2331	24.1	+28 44	7.5	7.41	08	1	12	04
2826	22.0	− 0 50	9.3	10.61	09	4	7	..	"	"	" "	"	7.69	08b	6	"	*24*
3875	22.0	−15 21	7.7	7.73	06	4	1	17	"	"	" "	"	7.31	08c	1	"	14
..	22.1	+ 5 11	..	12.73	05	3	3	..	*1540*	24.2	+59 52	9,4	9.79	00	1	25	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2495	14 24.2	+36 39	6.5	6.06	08b	3	12	13
"	"	" "	"	6.16	08c	3	"	03
2332	24.2	+28 44	7.0	7.03	08b	5	12	*08*
"	"	" "	"	6.70	08c	2	"	25
2575	24.3	+26 18	7.0	6.62	08	2	19	39
"	"	" "	"	6.72	08b	2	"	29
2830	24.4	+ 2 10	9.5	10.34	01	1	9	..
"	"	" "	"	10.66	02	1	"	..
"	"	" "	"	10.55	04	1	"	..
2770	24.8	+39 27	8.5	8.98	02	6	4	..
2941	24.8	+ 1 16	6.1	6.07	04	1	1	*27*
"	"	" "	"	5.63	04b	1	"	17
3194	24.9	+ 0 32	9.3	10.06	01	1	9	..
"	"	" "	"	9.82	02	1	"	..
"	"	" "	"	9.54	04	1	"	..
2479	25.0	+32 44	9.1	9.18	09	4	7	..
2771	25.2	+38 58	8.9	9.73	02	6	4	..
2898	25.3	+ 3 44	9.5	10.67	01	1	9	..
"	"	" "	"	10.78	02	1	"	..
"	"	" "	"	10.67	04	1	"	..
2772	25.5	+39 39	9.4	10.44	02	6	4	..
2482	25.5	+32 14	6.5	5.92	08b	3	12	04
"	"	" "	"	6.00	08c	3	"	*04*
1686	25.6	+54 58	8.8	8.91	01	3	1	*10*
2508	25.7	+42 15	6.3	6.27	08b	3	12	18
"	"	" "	"	6.24	08c	3	"	21
789	25.8	+69 57	8.9	9.44	07	4	1	*05*
2833	25.8	− 0 58	8.8	9.43	09	4	7	..
3970	25.8	−15 11	8.0	8.05	02	3	1	*19*
2944	26.3	+ 1 21	9.2	9.48	01	1	9	..
"	"	" "	"	9.41	02	1	"	..
"	"	" "	"	9.69	04	1	"	..
2774	26.4	+38 58	8.8	9.05	02	6	4	..
2876	26.4	+ 4 33	9.5	10.60	01	2	9	..
"	"	" "	"	11.07	02	1	"	..
"	"	" "	"	10.76	04	1	"	..
4047	26.4	−20 30	7.9	7.93	02	3	1	05
2775	26.7	+39 22	9.5	11.33	02	12	4	..
2564	27.1	+38 40	8.5	9.28	02	6	4	..
2792	27.2	+40 8	8.2	8.74	02	6	4	..
2793	27.3	+40 21	7.8	8.55	02	6	4	..
2878	27.3	+ 4 36	7.5	7.20	05	5	1	20
"	"	" "	"	7.45	05b	2	"	*05*
2628	27.5	+30 49	4.0	3.70	04c	2	13	08
"	"	" "	"	3.80	04d	2	"	*02*
"	"	" "	"	3.55	05c	1	"	23
"	"	" "	"	3.94	05d	1	"	*16*
751	27.6	+69 43	8.3	8.51	07	4	1	*02*
2838	27.6	− 0 18	9.2	9.53	09	5	1	35
527	27.7	+76 8	5.0	4.27	05b	1	13	10
	h. m.	° ′						
A	14 27.7	+76 8	5.0	4.38	05c	3	13	*01*
"	"	" "	"	4.68	05d	2	"	*31*
2485	28.0	+32 5	8.5	8.87	09	4	7	..
2889	28.0	+ 5 46	7.2	6.90	05	5	3	01
"	"	" "	"	6.48	05b	1	"	43
2565	28.1	+38 45	2.8	2.96	04c	2	13	04
"	"	" "	"	3.05	04d	2	"	*05*
"	"	" "	"	2.72	05c	1	"	28
"	"	" "	"	2.55	05d	1	"	45
2487	28.2	+32 10	9.3	10.44	09	4	7	..
4115	28.3	−17 24	9.3	10.44	06	4	3	..
3898	28.4	−15 16	9.0	9.16	02	3	1	*10*
"	"	" "	"	9.22	06	4	"	*16*
2488	28.6	+31 54	9.5	10.33	09	4	7	..
3203	28.6	− 0 6	9.0	9.25	09	5	1	03
3894	28.7	−17 8	8.8	9.34	06	4	3	..
..	29.0	+84 23	..	11.10	99	3	2	..
"	"	" "	"	11.51	00	5	"	..
"	"	" "	"	11.75	01r	1	"	..
"	"	" "	"	11.50	06	12	"	..
2545	29.3	+37 24	6.8	6.42	08b	3	12	02
"	"	" "	"	6.22	08c	3	"	22
2907	29.5	+ 3 37	9.4	9.93	01	1	25	..
2908	29.6	+ 3 33	9.5	10.52	01	1	9	..
"	"	" "	"	11.13	01g	1	"	..
"	"	" "	"	10.97	02	1	"	..
2490	29.8	+32 32	9.5	10.52	09	4	7	..
2474	29.9	+32 59	6.8	6.14	08b	3	12	14
"	"	" "	"	6.30	08c	3	"	*02*
4118	29.9	−17 46	9.9	11.01	06	4	3	..
2882	30.0	+ 4 43	9.0	8.91	01	2	9	15
"	"	" "	"	8.86	01g	2	"	20
"	"	" "	"	8.99	02	1	"	07
"	"	" "	"	9.15	02g	1	"	*09*
"	"	" "	"	9.00	03	1	"	06
"	"	" "	"	8.96	03g	1	"	10
"	"	" "	"	8.71	04	1	"	35
"	"	" "	"	8.86	04b	1	"	20
2539	30.2	+34 45	8.9	9.57	09	4	1	*05*
4119	30.2	−17 16	9.0	9.46	06	4	3	..
4120	30.2	−17 42	9.3	10.12	06	4	3	..
4121	30.2	−18 4	9.7	10.45	06	4	3	..
2536	30.3	+30 11	5.0	4.57	04b	2	13	*09*
"	"	" "	"	4.93	04c	2	"	*45*
"	"	" "	"	4.56	05c	1	"	*08*
"	"	" "	"	4.49	05d	1	"	*01*
2949	30.3	+ 1 36	9.5	10.32	01	2	9	..
"	"	" "	"	10.27	02	1	"	..
324	30.4	+84 31	9.0	9.61	99	3	2	20
"	"	" "	"	9.90	00	3	"	*09*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	14 30.4	+84 31	9.0	10.09	01	1	2	*28*
"	"	" "	"	9.89	06	12	"	*08*
2551	30.5	+37 4	6.2	6.06	08b	3	12	18
"	"	" "	"	6.04	08c	3	"	20
2950	30.5	+ 0 50	9.5	11.06	01	2	9	..
"	"	" "	"	10.89	02	1	"	..
4123	30.8	−17 32	9.5	10.82	06	4	3	..
325	31.0	+84 15	9.5	10.72	99	3	2	..
"	"	" "	"	11.16	06	12	"	..
2839	31.2	+ 2 9	9.3	10.90	01	2	9	..
"	"	" "	"	10.84	02	1	"	..
2953	31.2	+ 0 48	9.0	9.10	08	2	8	24
..	31.4	+84 21	..	12.46	99	3	2	..
"	"	" "	"	12.45	00	5	"	..
"	"	" "	"	12.30	01r	1	"	..
"	"	" "	"	12.76	06	13	"	..
2710	31.6	+23 41	6.3	6.33	08b	3	12	15
"	"	" "	"	6.31	08c	3	"	17
4126	31.6	−17 54	8.8	9.34	06	4	3	..
4127	31.6	−17 59	9.2	9.56	06	4	3	..
4128	32.2	−17 23	9.1	9.71	06	4	3	..
3211	32.3	− 0 3	8.8	9.14	01	2	1	04
"	"	" "	"	9.30	01g	2	"	*12*
"	"	" "	"	9.19	02	1	"	*01*
"	"	" "	"	9.40	02g	1	"	*22*
"	"	" "	"	9.19	03	2	"	*01*
"	"	" "	"	9.20	03g	2	"	*02*
"	"	" "	"	9.49	04	1	"	*31*
"	"	" "	"	9.11	04b	1	"	07
"	"	" "	"	9.28	09	5	"	*10*
326	32.6	+84 10	8.6	8.85	99	3	2	16
"	"	" "	"	9.36	00	13	"	*35*
"	"	" "	"	9.27	01	5	"	*26*
"	"	" "	"	9.22	06	12	"	*21*
2914	33.5	+ 3 9	9.5	10.33	01	1	9	..
"	"	" "	"	10.21	02	1	"	..
"	"	" "	"	10.05	03	1	"	..
..	33.6	+ 0 41	..	12.82	08	2	8	..
..	33.7	+84 25	..	12.45	00	5	2	..
"	"	" "	"	12.57	01	2	"	..
"	"	" "	"	12.31	06	6	"	..
4136	33.7	−17 18	8.9	9.29	02	6	4	..
2848	33.9	+ 2 34	9.3	10.56	01	1	9	..
"	"	" "	"	10.25	02	1	"	..
"	"	" "	"	10.19	03	1	"	..
3911	33.9	−17 8	9.5	10.35	02	6	4	..
2960	34.0	+ 1 15	9.5	10.96	01	1	9	..
"	"	" "	"	10.56	02	1	"	..
"	"	" "	"	10.57	04	1	"	..
..	34.1	+ 0 46	..	12.39	08	2	8	..
	h. m.	° ′						
2850	14 34.1	− 0 21	8.9	9.46	09	5	1	*33*
3914	34.4	−17 1	8.6	8.64	02	6	4	..
2894	34.5	+ 4 11	9.5	10.11	01	1	9	..
"	"	" "	"	9.72	02	1	"	..
"	"	" "	"	9.41	03	1	"	..
3217	34.5	+ 0 18	9.5	11.62	01	1	9	..
"	"	" "	"	11.10	02	1	"	..
"	"	" "	"	10.76	03	1	"	..
3219	34.8	+ 0 42	9.3	9.74	08	2	8	..
..	35.0	−17 13	..	11.53	02	7	4	..
..	35.2	−17 19	..	11.94	02	9	4	..
..	35.2	−17 22	..	12.16	02	12	4	..
2962	35.4	+ 0 49	9.5	10.74	08	2	8	..
..	35.4	−17 13	..	11.50	02	7	4	..
..	35.6	−17 17	..	12.08	02	13	4	..
..	35.9	+ 0 40	..	11.55	08	2	8	..
2768	36.0 36.0	+16 51 +16 51	3.8	4.20	03c	1	13	34
"	"	" "	"	4.74	03d	1	"	*20*
"	"	" "	"	4.60	04b	2	"	*06*
"	"	" "	"	4.49	04c	2	"	05
..	36.3	+ 0 44	..	12.18	08	2	8	..
2770	36.4 36.4	+14 9 +14 9	3.5	3.55	03c	1	13	31
"	"	" "	"	3.71	03d	1	"	15
"	"	" "	"	3.58	04c	2	"	28
"	"	" "	"	3.83	04d	2	"	03
3224	36.5	+ 0 0	8.7	9.34	08	4	18	..
"	"	" "	"	9.61	08b	4	"	..
2551	36.6	+34 42	8.5	8.86	09	4	1	*24*
2964	36.7	+ 0 50	8.1	8.15	08	2	8	*04*
2858	36.8	− 0 14	8.9	9.14	09	5	1	04
2594	36.9	+34 51	8.9	9.18	09	4	1	19
4075	37.2	−20 21	9.1	9.42	02	3	1	09
2674	37.4	+21 33	6.5	6.29	08b	3	12	14
"	"	" "	"	6.45	08c	3	"	*02*
2903	37.5	+ 4 37	9.5	10.16	01	1	9	..
"	"	" "	"	9.85	02	1	"	..
"	"	" "	"	9.80	03	1	"	..
3936	37.8	− 5 13	4.2	4.05	03b	2	13	*10*
"	"	" "	"	3.88	03c	4	"	07
"	"	" "	"	4.13	03d	1	"	*18*
2209	37.9	+44 48	8.0	8.04	05	1	1	03
"	"	" "	"	8.23	07	7	"	*16*
"	"	" "	"	8.17	07b	3	"	*10*
2927	38.0	+ 3 10	9.5	9.92	01	1	9	..
"	"	" "	"	10.20	02	1	"	..
"	"	" "	"	9.98	03	2	"	..
3225	38.3	+ 0 31	9.3	10.83	01	1	9	..
"	"	" "	"	10.52	03	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2856	14 38.6	+ 2 45	9.5	10.55	01	1	9	..
"	"	" "	"	10.30	03	2	"	..
..	38.7	+45 9	..	11.12	07	4	11	..
2967	38.7	+ 1 19	9.5	10.40	01	1	9	..
"	"	" "	"	10.10	03	2	"	..
2210	38.8	+44 48	9.2	10.18	05	2	11	..
"	"	" "	"	9.61	07	4	"	..
2599	38.8	+34 52	8.5	8.98	09	4	1	*01*
2411	39.0	+27 10	9.0	9.87	06	4	17	..
2412	39.0	+27 4	8.5	9.08	06	4	25	..
2413	39.0	+26 57	5.8	5.16	08b	3	12	*23*
"	"	" "	"	4.89	08c	3	"	04
..	39.0	+ 0 43	..	11.17	08	2	8	..
3950	39.0	−20 4	8.5	8.97	02	3	1	16
..	39.1	+ 0 46	..	13.00	08	2	8	..
3229	39.1	− 0 11	9.0	9.45	08	4	1	*32*
"	"	" "	"	9.49	08b	3	"	*36*
..	39.3	+ 0 42	..	12.53	08	2	8	..
2211	39.4	+45 4	9.2	10.16	05	1	11	..
"	"	" "	"	10.11	07	4	"	..
2385	39.4	+44 25	8.7	9.32	05	1	11	..
"	"	" "	"	9.20	07	4	"	..
2212	39.5	+44 53	8.8	9.34	05	2	1	*12*
"	"	" "	"	9.13	07	11	"	09
"	"	" "	"	9.17	07b	3	"	05
..	39.5	+44 49	..	13.17	07	4	11	..
..	39.5	+ 0 48	..	11.22	08	2	8	..
..	39.7	+ 0 47	..	12.26	08	2	8	..
764	39.8	+69 40	8.8	8.78	07	4	1	21
4021	39.9	−15 5	9.0	9.10	02	3	1	01
1700	40.2	+54 13	7.0	7.40	08	2	19	*16*
"	"	" "	"	7.06	08b	2	"	18
..	40.2	+45 4	..	12.66	07	4	11	..
..	40.2	+44 53	..	11.83	07	4	11	..
2780	40.5	+17 23	4.5	4.66	03b	1	13	03
"	"	" "	"	4.59	03c	1	"	10
"	"	" "	"	4.46	04b	2	"	23
"	"	" "	"	4.78	04c	2	"	*09*
2417	40.6 40.6	+27 30 +27 30	2.3	2.83	03c	1	13	*24*
"	"	" "	"	2.33	03d	1	"	26
"	"	" "	"	2.60	04c	2	"	*01*
"	"	" "	"	2.76	04d	2	"	*17*
2388	40.7	+44 48	9.5	10.67	05	1	11	..
"	"	" "	"	10.43	07	4	"	..
2913	40.8	+ 4 10	9.5	10.62	01	1	9	..
"	"	" "	"	10.16	03	2	"	..
2974	40.9	+ 1 32	9.3	10.10	01	1	9	..
"	"	" "	"	9.80	03	2	"	..
2215	41.0	+44 59	9.5	10.56	05	1	11	..
	h. m.	° ′						
A	14 41.0	+44 59	9.5	10.12	07	4	11	..
2559	41.1	+34 47	7.7	7.74	09	5	1	08
2489	41.1	+33 13	6.6	6.42	08b	3	12	05
"	"	" "	"	6.36	08c	3	"	11
1701	41.2	+54 45	8.8	8.97	01	3	1	*11*
2216	41.2	+44 52	9.3	10.61	05	1	11	..
"	"	" "	"	10.41	07	4	"	..
2862	41.2	+ 2 19	4.0	4.14	01i	1	1	*38*
"	"	" "	"	3.47	02i	1	"	29
"	"	" "	"	3.45	03i	1	"	31
"	"	" "	"	3.89	04b	1	13	*13*
"	"	" "	"	3.62	04c	3	"	14
"	"	" "	"	3.68	04d	2	"	08
329	41.7	+84 45	9.0	9.91	00	3	1	*18*
"	"	" "	"	9.80	01	1	"	*07*
"	"	" "	"	9.69	06	6	"	04
..	41.7	+45 5	..	12.16	07	4	11	..
2937	41.8	+ 3 17	9.5	10.21	02	1	9	..
"	"	" "	"	10.10	03	2	"	..
3980	41.8	−13 25	9.0	9.39	01	6	22	*09*
"	"	" "	"	9.38	01g	6	"	*08*
3239	41.9	+ 0 42	9.4	10.10	02	1	9	..
"	"	" "	"	10.40	04	2	"	..
767	42.1	+69 35	8.8	9.11	07	4	1	*12*
2218	42.3	+44 50	8.1	8.56	05	1	1	21
"	"	" "	"	8.77	07	7	"	00
"	"	" "	"	8.98	07b	3	"	*21*
2916	42.3	+ 4 46	8.7	8.29	01	1	1	12
"	"	" "	"	8.27	01g	1	"	14
"	"	" "	"	8.45	02	2	"	*04*
"	"	" "	"	8.28	02g	2	"	13
"	"	" "	"	8.41	03	3	"	00
"	"	" "	"	8.29	03g	3	"	12
"	"	" "	"	8.19	04	1	"	22
"	"	" "	"	8.39	04b	1	"	02
3024	42.4	+20 14	7.5	7.70	02	3	1	*10*
2864	42.4	+ 2 37	9.2	9.44	03	2	9	..
2219	42.5	+44 54	9.4	10.87	05	1	11	..
"	"	" "	"	10.63	07	4	"	..
3961	42.6	−20 5	9.4	10.31	02	3	1	*03*
2863	42.9	+19 29	7.5	7.62	02	3	1	*27*
2776	43.2	+24 31	7.5	7.40	03	1	25	11
3969	44.2	−20 7	9.0	9.32	02	3	1	*14*
2866	44.5	+19 46	8.5	8.39	02	3	1	16
4101	44.5	−20 15	8.9	9.14	02	3	1	04
4141	44.6	−13 5	8.0	7.77	01	6	22	11
"	"	" "	"	7.74	01g	7	"	14
4102	44.8	−20 21	8.8	8.78	02	3	1	10
2944	45.0	+ 3 39	9.5	9.79	02	1	9	..
"	"	" "	"	9.80	03	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3966	14 45.3	−15 38	3	2.85	03c	3	13	05	A	14 48.6	− 0 1	8.6	8.08	03	6	1	*05*
"	"	" "	"	2.89	03d	3	"	01	"	"	" "	"	7.93	03g	6	"	10
3251	45.7	− 0 8	8.4	8.28	02	1	1	05	"	"	" "	"	8.30	04r	1	"	*27*
"	"	" "	"	8.39	02g	1	"	*06*	2705	48.7	+16 6	6.2	6.48	08b	3	12	*05*
"	"	" "	"	8.49	03	5	"	*16*	"	"	" "	"	6.37	08c	3	"	06
"	"	" "	"	8.33	03g	4	"	00	3036	49.0	+20 18	7.5	7.01	02	3	1	00
"	"	" "	"	8.44	04	1	"	*11*	*2952*	49.0	+17 57	9.3	9.93	02	6	4	..
"	"	" "	"	8.27	04b	1	"	06	..	49.1	+18 12	..	12.05	02	6	4	..
332	45.8	+84 14	9.5	10.02	99	3	2	18	..	49.1	+18 9	..	12.29	02	6	4	..
"	"	" "	"	10.64	06	6	"	*44*	2997	49.3	+ 1 28	9.5	10.32	02	1	9	..
2927	45.9	+ 4 16	9.5	10.15	02	1	9	..	"	"	" "	"	10.51	03	3	"	..
"	"	" "	"	10.08	03	1	"	..	..	49.5	+18 15	..	12.83	02	12	4	..
"	"	" "	"	10.78	04	1	"	..	..	49.7	+18 2	..	10.92	02	6	4	..
3253	45.9	+ 0 9	6.5	6.19	03b	1	1	05	2934	49.7	+ 4 26	9.5	9.74	03	2	9	..
"	"	" "	"	6.20	04	2	"	04	2954	49.9	+ 3 23	9.0	9.57	02	1	9	..
"	"	" "	"	6.20	04b	2	"	04	"	"	" "	"	9.39	03	1	"	..
3255	46.1	+ 0 34	9.3	10.04	02	1	9	..	"	"	" "	"	9.81	04	1	"	..
"	"	" "	"	10.34	03	1	"	..	3269	49.9	+ 0 44	9.5	10.92	02	1	9	..
"	"	" "	"	10.66	04	1	"	..	"	"	" "	"	10.86	04	2	"	..
1957	46.3	+51 48	6.3	6.47	08b	3	12	*05*	..	50.0	+18 15	..	13.02	02	12	4	..
"	"	" "	"	6.45	08c	3	"	*03*	2886	50.0	+ 2 25	9.0	9.26	02	1	9	..
333	46.8	+84 17	9.1	9.54	99	3	2	14	"	"	" "	"	9.68	04	2	"	..
"	"	" "	"	9.94	06	6	"	*26*	2953	50.2	+18 20	9.5	10.35	02	6	4	..
2870	46.8	+19 31	5.0	4.83	03b	1	13	*19*	..	50.5	+18 11	..	12.20	02	7	4	..
"	"	" "	"	4.69	03c	1	"	*05*	2955	50.5	+18 7	8.0	7.80	02	6	4	05
"	"	" "	"	4.54	04b	2	"	10	595	51.0	+74 34	2.1	2.27	05c	3	13	*03*
"	"	" "	"	4.63	04c	2	"	01	"	"	" "	"	2.18	05d	3	"	06
2776	46.8	+15 12	7.8	7.92	02	3	1	*03*	*3984*	51.0	−20 8	8.7	8.63	05	2	1	00
2877	47.1	+ 2 9	9.5	10.86	02	1	9	..	"	"	" "	"	8.60	06	4	"	03
"	"	" "	"	10.60	03	1	"	..	4022	51.2	−13 44	8.9	8.45	01r	6	22	05
"	"	" "	"	10.94	04	1	"	..	"	"	" "	"	8.48	01g	6	"	02
2990	47.2	+ 1 33	9.4	10.24	02	1	9	..	*3987*	51.2	−20 5	8.6	8.22	05	2	1	*19*
"	"	" "	"	10.26	03	1	"	..	"	"	" "	"	8.04	06	4	"	*01*
"	"	" "	"	10.65	04	1	"	..	*2795*	51.4	+14 55	9.1	9.24	02	3	1	30
4003	47.2	−13 34	9.0	9.21	01	6	22	*03*	2531	51.9	+32 43	6.3	6.09	08b	3	12	02
"	"	" "	"	9.31	01g	6	"	*13*	"	"	" "	"	6.04	08c	3	"	07
2781	47.5	+14 54	8.5	7.97	02	3	1	27	3696	52.0	− 3 56	4.8	4.66	03b	1	13	*07*
2228	47.8	+45 1	7.3	8.14	05	1	1	*12*	"	"	" "	"	4.49	03c	2	"	10
"	"	" "	"	8.02	05b	1	"	00	"	"	" "	"	4.34	03d	1	"	25
"	"	" "	"	8.18	07	7	"	*16*	1716	52.5	+54 4	7.7	7.83	08	2	19	..
"	"	" "	"	7.80	07b	3	"	22	"	"	" "	"	7.62	08b	2	"	..
"	"	" "	"	7.85	08	3	18	17	*2764*	52.5	+21 57	6.2	6.43	08b	3	12	*19*
"	"	" "	"	7.65	08b	3	"	37	"	"	" "	"	6.31	08c	3	"	*07*
2949	47.8	+18 21	8.5	8.55	02	6	4	..	3994	52.9	−10 45	7.0	6.72	08b	4	12	*30*
2399	48.6	+44 39	7.8	8.45	05	1	1	12	"	"	" "	"	6.72	08c	2	"	*30*
"	"	" "	"	8.56	05b	1	"	01	*2799*	53.5	+14 52	9.0	9.44	02	3	1	*20*
"	"	" "	"	8.39	07	7	"	18	"	"	" "	"	9.18	05	2	"	06
"	"	" "	"	8.53	07b	3	"	04	"	"	" "	"	9.38	07	6	"	*14*
3264	48.6	− 0 1	8.6	8.00	02	1	1	03	"	"	" "	"	9.53	07b	3	"	*29*
"	"	" "	"	7.88	02g	1	"	15	2895	53.5	+ 2 37	9.3	9.77	02	1	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	14 53.5	+ 2 37	9.3	9.64	03	2	9	. .
2943	53.7	+ 4 19	9.4	9.59	02	1	9	. .
“	“	“ “	“	9.79	03	2	“	. .
2961	53.7	+ 3 20	9.5	9.92	02	1	9	. .
“	“	“ “	“	10.14	03	1	“	. .
“	“	“ “	“	10.65	04	1	“	. .
2896	53.8	+ 1 55	9.5	10.58	02	1	9	. .
“	“	“ “	“	10.99	04	2	“	. .
2893	54.3	+19 42	9.2	9.57	02	3	1	*07*
4085	54.7	−14 20	8.4	8.89	01	6	22	*07*
“	“	“ “	“	8.78	01g	6	“	04
3293	54.9	+ 0 17	9.5	10.54	02	1	9	. .
“	“	“ “	“	10.20	03	2	“	. .
2803	55.3	+15 14	7.2	7.23	02	3	1	*04*
“	“	“ “	“	7.04	05	2	“	15
“	“	“ “	“	7.03	07	6	“	16
“	“	“ “	“	6.81	07b	3	“	38
2804	55.5	+14 50	9.4	9.76	05	2	1	08
“	“	“ “	“	9.80	07	6	“	04
“	“	“ “	“	9.96	07b	3	“	*12*
2947	55.9	+ 4 44	8.9	8.72	02	1	1	19
“	“	“ “	“	8.84	02g	1	“	07
“	“	“ “	“	8.91	03	5	“	00
“	“	“ “	“	8.71	03g	5	“	20
“	“	“ “	“	9.04	04	1	“	*13*
878	56.0	+66 20	4.5	4.82	05b	1	13	04
“	“	“ “	“	4.77	05c	3	“	09
“	“	“ “	“	4.96	05d	2	“	*10*
2772	56.4	+22 27	6.3	6.39	08b	3	12	06
“	“	“ “	“	6.35	08c	3	“	10
4003	56.4	−20 4	8.7	8.77	05	2	1	06
“	“	“ “	“	8.86	06	4	“	*03*
3014	56.5	+ 1 38	9.5	11.13	03r	1	9	. .
“	“	“ “	“	11.12	04	1	“	. .
3943	56.7	− 7 57	7.0	6.80	01	1	25	05
“	“	“ “	“	6.44	01g	11	“	41
4095	57.2	−14 24	8.7	8.72	01	6	22	14
“	“	“ “	“	8.69	01g	7	“	17
4013	57.4	−15 12	9.3	10.04	07	11	1	06
“	“	“ “	“	10.43	07b	1	“	*33*
“	“	“ “	“	10.01	08	4	“	09
2807	57.5	+15 41	8.8	8.82	05	2	11	. .
“	“	“ “	“	8.79	07	4	“	. .
2951	57.5	+ 4 17	9.5	11.33	03r	1	9	. .
“	“	“ “	“	11.13	04	1	“	. .
2808	57.6	+15 29	8.5	7.99	05	2	11	. .
“	“	“ “	“	7.97	07	4	“	. .
3017	57.6	+ 0 51	9.3	9.70	03	2	9	. .
“	“	“ “	“	9.90	04	1	“	. .
3933	57.6	− 2 38	7.0	6.68	08b	4	12	*20*
	h. m.	° ′						
A	14 57.6	− 2 38	7.0	6.58	08c	2	12	*10*
2861	57.7	+25 24	4.7	4.79	03b	1	13	14
“	“	“ “	“	5.06	03c	1	“	*13*
“	“	“ “	“	5.06	04b	2	“	*13*
“	“	“ “	“	5.30	04c	2	“	*37*
2809	57.7	+14 59	9.3	10.22	05	2	11	. .
“	“	“ “	“	9.99	07	4	“	. .
2823	57.9	+13 51	8.3	8.10	05	2	11	. .
“	“	“ “	“	8.18	07	4	“	. .
2905	57.9	+ 2 28	4.7	4.54	03ir	2	1	08
“	“	“ “	“	4.50	04b	3	13	12
“	“	“ “	“	4.83	04c	3	“	*21*
2970	58.0	+ 3 33	9.1	9.26	03	2	9	. .
“	“	“ “	“	9.48	04	1	“	. .
2810	58.1	+15 26	9.0	9.06	05	2	11	. .
“	“	“ “	“	9.25	07	4	“	. .
2824	58.1	+14 39	9.0	9.24	05	2	1	*05*
“	“	“ “	“	9.14	07	8	“	05
“	“	“ “	“	9.18	07b	3	“	01
2971	58.1	+ 2 51	9.5	10.53	03	1	9	. .
“	“	“ “	“	10.58	04	1	“	. .
2840	58.2	+40 47	3.0	3.50	05c	5	13	13
“	“	“ “	“	3.57	05d	5	“	06
11834	58.2	−24 53	3.5	3.78	03b	3	13	*37*
“	“	“ “	“	3.92	03c	3	“	*51*
. .	58.3	−14 52	. .	11.17	07	3	11	. .
. .	58.4	−14 53	. .	10.55	07	3	11	. .
4101	58.5	−14 43	9.1	9.52	07	6	11	. .
. .	58.5	−14 56	. .	10.08	07	3	11	. .
. .	58.6	+15 12	. .	11.82	05	2	11	. .
“	“	“ “	“	11.62	07	4	“	. .
. .	58.6	+15 8	. .	10.58	05	2	11	. .
“	“	“ “	“	10.46	07	4	“	. .
. .	58.6	−14 46	. .	12.09	07	2	11	. .
. .	58.6	−14 59	. .	12.01	07	2	11	. .
4102	58.6	−15 4	7.8	8.13	07	9	1	*12*
“	“	“ “	“	8.01	07b	3	“	00
“	“	“ “	“	8.24	08	4	“	*23*
4103	58.6	−14 56	9.4	9.89	07	3	11	. .
4104	58.7	−14 47	9.5	10.41	07	2	11	. .
4105	58.7	−15 7	8.0	7.90	07	9	1	06
“	“	“ “	“	7.79	07b	3	“	17
“	“	“ “	“	8.04	08	4	“	*08*
4106	58.7	−14 55	9.3	9.83	07	6	11	. .
3939	58.8	− 2 28	9.6	10.29	07	7	24	. .
. .	58.9	+15 10	. .	11.84	05	2	11	. .
“	“	“ “	“	12.04	07	4	“	. .
4107	58.9	−14 40	9.2	9.42	07	6	11	. .
4108	58.9	−14 55	10	10.82	07	3	11	. .
2909	59.0	+ 2 30	9.3	8.90	03	1	25	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	14 59.0	+ 2 30	9.3	8.50	03g	1	25	..
4109	59.2	−14 37	8.0	7.71	07	6	11	..
3019	59.3	+ 1 28	9.3	10.54	03	1	25	..
..	59.5	+15 12	..	11.94	05	2	11	..
"	"	" "	"	11.73	07	4	"	..
2814	59.5	+15 9	9.0	8.69	05	4	11	..
"	"	" "	"	8.79	07	10	"	..
"	"	" "	"	8.68	07b	2	"	..
2828	59.6	+14 1	8.0	7.72	05	2	11	..
"	"	" "	"	7.81	07	4	"	..
3969	59.7	−18 15	8.7	8.72	05	2	4	..
"	"	" "	"	9.08	06	4	"	..
2607	59.8	+30 1	9.2	9.55	08	1	25	..
"	"	" "	"	9.74	08b	1	"	..
4114	15 0.0	−14 50	10	10.75	07	5	11	..
..	0.0	−18 22	..	12.23	05	1	4	..
"	"	" "	"	12.09	06	4	"	..
..	0.1	−18 21	..	11.98	05	1	4	..
"	"	" "	"	11.46	06	4	"	..
4019	0.1	−20 2	8.2	8.50	02	3	1	*07*
"	"	" "	"	8.42	05	2	"	01
"	"	" "	"	8.37	06	4	"	06
2447	0.2	+27 20	4.7	4.85	03b	1	13	*18*
"	"	" "	"	4.66	03c	1	"	01
"	"	" "	"	4.64	04b	2	"	03
"	"	" "	"	4.96	04c	2	"	*29*
4115	0.3	−14 57	9.2	9.66	07	13	11	..
"	"	" "	"	9.83	07b	2	"	..
2816	0.4	+15 27	9.5	9.86	05	2	11	..
"	"	" "	"	9.80	07	4	"	..
2259	0.5	+48 3	4.5	4.97	05c	3	13	*11*
"	"	" "	"	4.88	05d	3	"	*02*
3972	0.5	−19 0	7.5	7.84	05	2	4	03
"	"	" "	"	7.55	06	4	4	32
..	0.6	+14 58	..	11.82	05	2	11	..
"	"	" "	"	11.59	07	4	"	..
3942	0.6	− 2 18	9.8	10.46	07	5	25	..
4030	0.6	−21 39	6.5	6.52	08b	4	12	*41*
"	"	" "	"	6.77	08c	2	"	*66*
3025	0.7	+ 1 31	9.5	10.24	03	3	9	..
"	"	" "	"	10.12	04	1	"	..
4116	0.7	−14 56	9.8	10.58	07	6	11	..
3974	0.7	−18 43	8.9	8.98	05	2	4	..
"	"	" "	"	8.89	06	4	"	..
..	1.0	−18 15	..	12.04	05	2	4	..
"	"	" "	"	11.88	06	4	"	..
2913	1.2	+ 2 41	9.3	10.02	03	2	9	..
"	"	" "	"	10.12	04	1	"	..
3303	1.2	+ 0 34	9.5	9.88	03	2	9	..
"	"	" "	"	10.33	04	1	"	..
	h. m.	° ′						
..	15 1.2	−18 22	..	11.70	05	2	4	..
"	"	" "	"	11.38	06	4	"	..
3976	1.3	−18 17	9.8	10.98	05	2	4	..
"	"	" "	"	10.99	06	4	"	..
4118	1.4	−14 17	9.0	9.63	01	8	22	*10*
"	"	" "	"	9.77	01g	8	"	*24*
3977	1.4	−18 26	9.5	10.21	05	4	4	..
"	"	" "	"	10.11	06	4	"	..
335	1.6	+84 20	7.5	6.92	99	3	2	20
2818	1.6	+15 45	9.3	9.52	05	2	11	..
"	"	" "	"	9.44	07	4	"	..
2835	1.6	+14 46	9.5	10.14	05	2	11	..
"	"	" "	"	10.26	07	4	"	..
2965	1.7	+ 4 20	9.5	10.74	03	1	9	..
"	"	" "	"	10.23	04	2	"	..
4151	1.7	−20 19	8.3	8.34	02	3	1	09
2622	1.9	+29 48	8.5	8.83	08	3	18	13
"	"	" "	"	9.05	08b	3	"	*09*
4120	1.9	−15 2	7.7	7.64	07	9	1	*03*
"	"	" "	"	7.52	07b	3	"	09
2978	2.1	+ 3 7	9.5	11.06	03	1	9	..
"	"	" "	"	10.58	04	2	"	..
4011	2.4	−16 23	9.3	9.73	08	4	20	..
3980	2.7	−19 8	9.1	9.22	05	2	4	..
"	"	" "	"	9.22	06	4	"	..
2967	3.0	+ 4 38	9.1	9.42	02	1	1	*02*
"	"	" "	"	9.61	02g	1	"	*21*
"	"	" "	"	9.59	03	3	"	*19*
"	"	" "	"	9.48	03g	3	"	*08*
"	"	" "	"	9.55	04	3	"	*15*
"	"	" "	"	9.80	04b	1	"	*40*
4035	3.0	−15 19	9.4	9.80	08	4	20	..
4157	3.1	−20 19	8.0	8.04	02	3	1	*11*
2839	3.2	+14 44	9.1	9.80	05	2	1	*26*
"	"	" "	"	9.62	07	7	"	*08*
"	"	" "	"	9.50	07b	3	"	04
4033	3.3	−20 1	9.0	8.95	02	6	4	13
"	"	" "	"	8.96	05	2	1	12
"	"	" "	"	9.12	06	4	"	*04*
3068	3.7	+19 53	8.7	8.64	08	4	1	01
4018	3.7	− 5 15	8.5	8.63	05	4	1	17
4259	3.7	−17 38	8.3	8.34	05	2	4	..
"	"	" "	"	8.16	06	4	"	..
..	3.8	−19 46	..	11.78	02	3	4	..
1761	3.9	+53 41	7.8	7.95	08	2	19	..
"	"	" "	"	7.76	08b	2	"	..
3069	3.9	+19 56	9.1	9.78	08	4	1	*28*
..	4.0	−19 31	..	11.52	02	1	4	..
2901	4.1	+13 37	6.2	6.24	08b	4	12	*17*
"	"	" "	"	6.22	08c	2	"	*15*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
4021	15	4.1	− 5	51	9.0	8.98	05	4	4	..
..		4.1	−19	34	..	12.35	02	12	4	..
..		4.1	−19	45	..	12.88	02	12	4	..
4036		4.1	−20	9	7.3	7.47	02	6	4	*29*
12101		4.1	−23	36	6.8	6.74	08b	2	25	07
..		4.2	+ 0	52	..	11.41	08	2	8	..
2929		4.3	+19	26	8.0	8.20	08	2	19	..
“		“	“	“	“	8.08	08b	2	“	..
4038		4.3	−15	19	8.3	8.34	07	9	1	01
“		“	“	“	“	8.50	07b	3	“	*15*
“		“	“	“	“	8.48	08	4	“	*13*
2970		4.4	+ 4	16	6.8	6.93	01g	1	1	09
“		“	“	“	“	7.38	02	1	“	*36*
“		“	“	“	“	7.08	02g	1	“	*06*
“		“	“	“	“	7.22	03	6	“	*20*
“		“	“	“	“	6.89	03g	6	“	13
“		“	“	“	“	7.33	04	2	“	*31*
“		“	“	“	“	6.83	04b	1	“	19
4038		4.4	−19	30	9.4	10.24	02	6	4	..
4039		4.6	−19	45	9.5	10.84	02	6	4	..
2986		4.7	+ 3	14	9.5	9.76	01	2	9	..
“		“	“	“	“	9.68	03	2	“	..
4040		4.7	−15	53	9.3	9.86	08	4	20	..
4041		4.8	−15	59	9.2	9.09	08	4	20	..
4042		4.8	−15	53	9.0	8.86	08	4	20	..
4024		4.9	− 5	52	9.5	10.28	05	4	4	..
4042		5.2	−19	39	10	11.68	02	6	4	..
4043		5.2	−19	48	10	10.94	02	6	4	..
4025		5.3	− 5	53	9.4	10.04	05	4	4	..
..		5.3	−19	29	..	12.08	02	6	4	..
4044		5.5	−15	54	8.8	9.20	08	4	20	..
..		5.7	− 5	31	..	11.98	05	4	4	..
2930		5.8	+19	22	8.2	8.82	08	4	20	..
4163		5.8	−20	18	9.3	9.94	02	3	1	*16*
2921		5.9	+ 2	15	9.2	9.51	01	1	9	..
“		“	“	“	“	9.60	03	2	“	..
3314		5.9	+ 0	14	9.5	10.51	01	1	9	..
“		“	“	“	“	10.45	03	2	“	..
4027		6.0	− 5	20	9.8	10.74	05	4	4	..
..		6.1	+ 0	48	..	11.69	08	2	8	..
2931		6.2	+19	45	9.0	9.40	08	4	1	10
4028		6.2	− 5	28	9.8	11.32	05	4	4	..
4047		6.2	−15	47	6.5	6.58	08	1	20	22
“		“	“	“	“	6.39	08b	4	“	41
4025		6.2	−16	14	7.7	7.91	08	4	20	..
2975		6.3	+ 4	23	9.5	10.84	01	1	9	..
“		“	“	“	“	10.41	03	2	“	..
3039		6.4	+ 1	33	9.3	10.10	01	1	9	..
“		“	“	“	“	9.87	03	2	“	..
4029		6.4	− 5	28	8.7	8.74	05	8	4	..
..	15	6.4	− 5	36	..	12.31	05	2	4	..
..		6.5	+ 0	49	..	12.23	08	2	8	..
..		6.5	+ 0	47	..	12.72	08	2	8	..
3828		6.5	− 5	6	8.0	7.95	05	3	1	10
“		“	“	“	“	7.90	05b	1	“	15
4046		6.5	−19	56	9.4	10.15	01	1	25	..
4048		6.7	−16	2	7.2	7.41	08	4	20	*13*
..		6.8	+ 0	42	..	11.27	08	2	8	..
2933		6.9	+19	50	8.4	8.58	08	4	20	07
..		6.9	− 5	29	..	11.30	05	4	4	..
..		6.9	− 5	46	..	11.50	05	4	4	..
4050		6.9	−15	20	7.8	7.41	08	4	20	34
2934		7.2	+19	47	9.1	9.14	08	4	20	11
2977		7.2	+ 4	43	8.3	8.51	01	1	1	*21*
“		“	“	“	“	8.43	01g	1	“	*13*
“		“	“	“	“	8.58	03	2	“	*28*
“		“	“	“	“	8.14	03g	2	“	16
3042		7.2	+ 0	50	9.4	9.68	08	2	8	41
..		7.2	+ 0	48	..	12.33	08	2	8	..
..		7.3	+ 0	46	..	11.22	08	2	8	..
2845		7.4	+14	44	9.2	9.46	07	1	1	*17*
4031		7.4	− 5	31	9.4	10.40	05	4	4	..
3318		7.5	+ 0	0	7.6	7.12	01	1	1	46
“		“	“	“	“	7.45	01g	1	“	13
“		“	“	“	“	7.67	03	1	“	*09*
“		“	“	“	“	7.54	03g	1	“	04
“		“	“	“	“	7.25	04	1	“	33
“		“	“	“	“	7.61	04b	1	“	*03*
12133		7.5	−23	38	6.6	6.93	08b	4	12	*54*
“		“	“	“	“	6.94	08c	2	“	*55*
11928		7.7	−24	56	6.5	7.07	08b	4	12	*64*
“		“	“	“	“	7.14	08c	2	“	*71*
2937		8.2	+19	28	7.4	7.14	08	4	20	23
3080		8.3	+20	10	8.8	8.35	08	4	20	..
2939		8.3	+19	40	6.7	6.72	08	6	R	*31*
“		“	“	“	“	6.40	08b	2	19	01
3319		8.3	+ 0	48	9.5	10.51	08	2	8	..
4180		8.7	−20	20	9.0	9.33	02	3	1	20
4285		8.9	−17	24	6.5	6.36	08b	4	12	*05*
“		“	“	“	“	6.45	08c	2	“	*14*
3000		9.0	+ 3	39	9.5	10.25	01	1	9	..
“		“	“	“	“	10.11	03	2	“	..
2850		9.1	+14	50	8.3	8.60	07	1	1	*16*
“		“	“	“	“	8.52	08	3	18	*08*
“		“	“	“	“	8.58	08b	3	“	*14*
3322		9.3	+ 0	44	8.1	8.10	08	3	8	*11*
2935		9.6	+ 2	24	9.5	10.64	01	1	9	..
“		“	“	“	“	10.27	03	2	“	..
3840		9.6	− 5	8	6.5	6.50	08b	4	12	*05*
“		“	“	“	“	6.63	08c	2	“	*18*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
823	15 9.7	+68 10	6.5	6.14	08b	4	12	01	..	15 12.8	+ 0 41	..	11.36	08	2	8	..
“	“	“ “	“	6.07	08c	2	“	08	3007	13.0	+ 3 12	9.5	10.55	01	1	9	..
3048	9.7	+ 1 16	9.5	10.66	01	2	9	..	“	“	“ “	“	10.29	03	1	“	..
“	“	“ “	“	10.43	03	1	“	..	“	“	“ “	“	10.41	03g	1	“	..
..	9.8	+ 0 46	..	13.05	08	1	8	..	4204	13.0	−20 10	9.2	9.76	02	3	1	*08*
3843	9.8	− 5 3	9.5	10.16	05	4	1	*26*	*2568*	13.2	+31 57	9.4	10.53	02	7	5	..
3324	9.9	+ 0 29	9.5	10.09	01	1	9	..	12202	13.3	−23 54	7.2	7.09	05	2	1	08
“	“	“ “	“	10.09	03	3	9	..	“	“	“ “	“	7.23	06	4	“	*06*
2561	10.0	+32 9	6.5	5.70	08b	4	12	52	2942	13.4	+ 2 8	9.5	9.97	99	4	16	..
“	“	“ “	“	6.10	08c	2	“	12	“	“	“ “	“	10.15	01	1	9	..
3084	10.0	+20 7	9.4	10.62	08	4	20	..	“	“	“ “	“	10.11	03	1	“	..
2564	10.2	+32 36	8.7	8.72	02	6	5	..	“	“	“ “	“	10.16	03g	1	“	..
2940	10.2	+19 5	8.8	9.11	08	4	20	..	2950	13.4	− 0 14	9.0	9.10	99	4	1	18
2987	10.2	+ 4 32	9.5	8.94	01	1	9	..	*3858*	13.5	− 5 10	8.7	9.01	05	3	1	04
“	“	“ “	“	8.94	03	2	“	..	“	“	“ “	“	9.21	05b	1	“	*16*
4062	0.4	−20 4	9.0	9.37	02	3	1	21	..	13.6	+ 2 20	..	13.12	99	1	16	..
2577	10.5	+42 33	6.1	6.02	08b	4	12	35	..	13.8	+ 2 22	..	12.92	99	2	16	..
“	“	“ “	“	6.17	08c	2	“	20	12208	13.8	−23 55	7.3	7.04	05	2	1	17
4040	10.7	− 5 15	8.8	8.70	05	4	1	00	“	“	“ “	“	7.19	06	4	“	02
2565	10.8	+31 52	9.5	10.31	02	10	5	..	..	14.0	+ 2 19	..	11.52	99	4	16	..
“	“	“ “	“	10.65	02g	2	“	..	..	14.1	+ 2 23	..	10.74	99	4	16	..
3051	10.9	+ 1 33	8.7	8.57	08	3	19	..	2570	14.2	+32 17	9.3	9.57	02	7	5	..
“	“	“ “	“	8.72	08b	3	“	..	“	“	“ “	“	9.64	02g	4	“	..
12173	11.0	−23 39	7.3	7.29	05	2	1	*12*	2944	14.2	+ 2 9	5.0	4.70	99i	4	16	48
“	“	“ “	“	7.23	06	4	“	*06*	2998	14.3	+ 4 31	9.5	10.12	01	1	9	..
2670	11.3	+26 1	6.8	6.92	08	2	19	*25*	“	“	“ “	“	10.08	03	2	“	...
“	“	“ “	“	7.00	08b	2	“	*33*	..	14.3	+ 2 25	..	11.37	99	4	16	..
4189	11.3	−20 14	9.1	9.48	02	3	1	25	3340	14.3	+ 0 34	9.3	9.83	01	1	9	..
4071	11.4	−15 12	8.3	8.59	08	3	18	*38*	“	“	“ “	“	9.67	03	3	“	..
“	“	“ “	“	8.70	08b	3	“	*49*	3063	14.4	+ 1 16	9.5	10.76	01	1	9	..
2561	11.5	+33 41	3.0	3.81	05c	3	13	*27*	“	“	“ “	“	10.39	03	2	“	..
“	“	“ “	“	3.74	05d	3	“	*20*	10330	14.5	−27 56	7.0	7.32	05	2	1	*24*
2854	11.5	+14 50	9.0	8.91	07	1	1	13	..	14.6	+ 2 26	..	10.65	99	4	16	..
..	11.5	+ 0 45	..	12.64	08	2	8	..	1600	14.7	+60 11	9.2	9.66	08	2	25	..
3935	11.6	− 9 1	2	2.85	03c	1	13	*11*	*3064*	14.7	+ 0 55	9.4	9.82	08	2	1	07
“	“	“ “	“	2.99	04c	1	“	*25*	“	“	“ “	“	9.84	08b	2	“	05
“	“	“ “	“	2.93	04d	1	“	*19*	2571	14.8	+32 46	9.5	10.58	02	10	5	..
2945	11.9	+19 32	8.2	7.96	08	2	19	..	“	“	“ “	“	10.99	02g	2	“	..
“	“	“ “	“	7.84	08b	2	“	..	2677	14.8	+26 4	8.0	8.16	08	2	19	..
2713	12.2	+31 17	8.9	8.58	02	6	5	..	“	“	“ “	“	7.97	08b	2	“	..
..	12.4	+ 2 30	..	12.36	99	4	16	..	10881	14.8	−25 38	7.0	7.09	05	2	1	10
..	12.4	+ 2 28	..	12.41	99	4	16	..	“	“	“ “	“	7.10	06	4	“	09
..	12.4	+ 0 45	..	12.16	08	2	8	..	2721	15.0	+31 3	8.8	8.91	02	6	5	..
3016	12.5	+ 9 45	8.5	8.42	99	4	1	*10*	*3345*	15.2	− 0 6	9.0	9.13	99	4	1	*35*
3334	12.5	− 0 3	9.0	9.40	99	4	1	*02*	507	15.6	+78 44	8.3	8.31	05	4	3	..
“	“	“ “	“	9.49	01	1	“	*11*	“	“	“ “	“	8.34	06	2	“	..
“	“	“ “	“	9.56	01g	1	“	*18*	2572	15.6	+32 12	9.0	8.93	02	7	5	02
“	“	“ “	“	9.35	03	3	“	03	2573	16.3	+32 24	8.9	8.66	02	5	5	*07*
“	“	“ “	“	9.36	03g	2	“	02	2378	16.5	+49 44	8.8	9.05	06	5	1	27
..	12.6	+ 2 27	..	11.38	99	4	16	..	*1603*	16.6	+59 53	8.1	8.06	08	1	18	50

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	15 16.6	+59 53	8.1	8.37	08b	1	18	19
3013	16.6	+ 3 34	9.3	9.29	01	1	9	..
"	"	" "	"	9.10	03	2	"	..
3005	16.8	+ 4 13	9.5	10.77	01	1	9	..
"	"	[illegible] "	"	10.54	03	2	"	..
3943	16.9	−22 34	8.5	7.97	05	2	3	..
"	"	" "	"	7.96	06	4	"	..
2951	17.3	+ 2 21	9.5	9.20	01	1	9	..
"	"	" "	"	9.44	03	2	"	..
3070	17.6	+ 1 36	9.5	9.97	01	1	9	..
"	"	" "	"	10.01	03	1	"	..
2952	17.7	+ 2 34	8.6	8.21	08	2	19	..
"	"	" "	"	8.32	08b	2	"	..
3071	17.7	+ 1 47	8.7	8.54	08	2	19	..
"	"	" "	"	8.54	08b	2	"	..
2685	18.1	+25 59	7.3	7.44	08	2	19	*06*
"	"	" "	"	7.36	08b	2	"	02
2575	18.4	+32 22	8.1	8.29	02	6	5	*05*
3948	18.4	−22 22	8.8	8.33	05	2	3	..
"	"	" "	"	8.32	06	5	"	..
3350	18.6	+ 0 5	9.3	9.18	01	1	9	..
"	"	" "	"	9.10	03	1	"	..
2577	18.8	+31 54	8.1	8.67	02	6	5	*13*
3951	19.1	−22 33	9.0	8.76	05	4	3	..
"	"	" "	"	8.90	06	4	"	..
3952	19.2	−22 20	9.8	10.50	05	2	3	..
"	"	" "	"	10.68	06	4	"	..
3954	19.8	−22 25	9.4	10.21	05	2	3	..
"	"	" "	"	10.26	05	4	"	..
3075	20.6	+ 1 46	9.5	9.94	01	1	9	..
"	"	" "	"	9.84	03	2	"	..
2636	20.7	+37 44	4.0	4.62	05b	1	13	*15*
"	"	" "	"	4.11	05c	3	"	36
"	"	" "	"	4.11	05d	2	"	36
2960	20.7	+ 2 46	9.5	9.67	01	1	9	..
"	"	" "	"	9.84	03	2	"	..
679	20.9	+72 11	2.8	3.04	05c	3	13	10
"	"	" "	"	2.91	05d	3	"	23
3027	21.0	+ 3 45	9.5	9.70	01	1	9	..
"	"	" "	"	9.80	03	2	"	..
3014	21.1	+ 4 38	9.5	10.01	01	1	9	..
"	"	" "	"	9.91	03	2	"	..
3356	21.3	+ 0 49	9.2	9.49	99	4	1	30
"	"	" "	"	9.82	08	4	8	*03*
3357	22.5	+ 0 24	9.3	9.67	03	3	9	..
1654	22.7	+59 19	3.0	3.30	05c	3	13	17
"	"	" "	"	3.48	05d	3	"	*01*
2670	23.7	+29 27	4.0	3.74	04b	1	13	*02*
"	"	" "	"	3.62	04c	3	"	10
"	"	" "	"	3.74	04d	2	"	*02*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4093	15 23.9	−17 5	7.0	6.77	06	3	1	46
2968	24.6	+ 2 6	8.6	8.78	08	2	19	..
"	"	" "	"	8.43	08b	2	"	..
2388	25.2	+49 51	9.0	9.39	06	5	1	*02*
2971	25.2	+ 2 39	9.5	10.26	03	3	9	..
3090	25.2	+ 1 32	9.5	10.18	03	3	9	..
2180	25.4	+50 1	8.6	9.04	06	5	1	*02*
4132	25.4	−15 30	7.9	8.18	02	1	1	*53*
"	"	" "	"	7.63	06	2	"	02
2389	25.5	+49 51	9.0	9.73	06	5	1	*26*
3044	25.8	+ 3 44	9.5	9.56	03	3	9	..
4268	25.8	−12 39	7.5	7.57	06	4	1	03
3022	26.0	+ 4 44	9.4	9.53	03	3	9	..
4250	26.2	−20 16	8.5	8.43	02	2	1	15
"	"	" "	"	8.83	04	1	"	*25*
2742	26.4	+31 39	7.0	6.56	08b	4	12	*21*
"	"	" "	"	6.58	08c	2	"	*23*
3364	26.8	+ 0 45	9.5	11.06	03	3	9	..
..	26.8	−15 1	..	10.50	06r	3	3	..
4136	27.0	−15 16	8.6	8.66	02	1	1	*11*
"	"	" "	"	8.81	06	6	3	*26*
4256	27.1	−20 17	9.3	10.02	02	2	1	*39*
"	"	" "	"	9.65	04	1	"	*02*
2609	27.3	+41 10	4.5	5.24	05c	4	13	*09*
"	"	" "	"	5.19	05d	3	"	*04*
4257	27.3	−20 18	9.4	9.55	02	3	1	*14*
"	"	" "	"	9.28	04	1	"	13
"	"	" "	"	9.62	06	2	"	*21*
12155	27.3	−24 9	6.7	6.94	08b	5	12	*65*
"	"	" "	"	6.89	08c	1	"	*60*
3368	27.5	+ 0 1	9.2	9.21	01	1	1	17
"	"	" "	"	9.44	01g	1	"	*06*
"	"	" "	"	9.37	03	3	"	01
"	"	" "	"	9.52	03g	2	"	*14*
4227	27.5	−15 3	8.7	8.33	02	1	1	33
"	"	" "	"	8.59	06	7	3	07
1416	27.6	+62 27	6.1	6.16	08b	4	12	33
"	"	" "	"	6.66	08c	2	"	*17*
..	27.6	−15 11	..	10.55	06r	3	3	..
4278	27.7	−12 40	7.2	7.44	06	4	1	18
4260	27.9	−20 12	8.5	8.21	02	3	1	*03*
"	"	" "	"	8.70	04	1	"	*52*
"	"	" "	"	8.18	06	2	"	00
2896	28.0	+40 1	7.8	7.80	08	4	1	07
..	28.0	−14 48	..	11.64	06	4	3	..
2611	28.2	+41 14	4.8	4.90	05c	2	13	08
"	"	" "	"	4.89	05d	2	"	09
..	28.2	−15 10	..	10.91	06	4	3	..
4193	28.5	−13 53	7.3	7.20	06	4	1	*07*
2884	28.7	+39 43	8.9	9.34	08	4	1	03

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3097	15 28.7	+ 1 19	9.5	10.10	03	3	9	..
4171	28.7	− 9 43	4.7	4.81	03b	2	13	02
“	“	“ “	“	4.68	03c	2	“	15
4234	28.7	−15 8	9.2	9.81	06	4	3	..
2975	28.8	+ 2 49	9.3	9.12	03	3	9	..
3371	28.8	+ 0 22	9.5	9.72	03	2	9	..
“	“	“ “	“	9.62	04	1	“	..
2750	28.9	+31 42	4.2	4.04	05c	3	13	13
“	“	“ “	“	4.17	05d	3	“	00
2884	28.9	+24 35	8.0	8.82	08	2	19	..
“	“	“ “	“	8.87	08b	2	“	..
4236	29.1	−15 7	9.8	10.95	06	4	3	..
4265	29.2	−20 44	9.0	9.34	02	3	4	..
“	“	“ “	“	9.52	04	2	“	..
2880	29.3	+17 29	6.7	6.63	08b	5	12	*18*
“	“	“ “	“	6.39	08c	1	“	06
4114	29.3	−16 48	7.5	7.14	06	4	1	*10*
4266	29.4	−20 41	8.4	8.42	02	3	4	..
“	“	“ “	“	8.84	04	2	“	..
3051	29.5	+ 3 27	9.3	9.75	03	3	9	..
4116	29.8	−17 4	8.8	8.79	01	10	22	*02*
“	“	“ “	“	8.77	01g	10	“	00
4372	29.8	−17 14	8.8	9.08	01	1	25	..
“	“	“ “	“	9.24	01g	1	“	..
4268	29.8	−20 56	9.6	10.29	02	3	4	..
“	“	“ “	“	10.34	04	2	“	..
4269	29.8	−21 1	9.9	10.68	02	3	4	..
“	“	“ “	“	10.24	04	2	“	..
2900	29.9	+40 16	9.0	9.11	08	4	20	..
4237	29.9	−14 27	4.0	4.06	03b	2	13	*04*
“	“	“ “	“	3.91	03c	8	“	11
“	“	“ “	“	4.20	03d	1	“	*18*
“	“	“ “	“	4.08	04c	1	“	*06*
“	“	“ “	“	4.07	04d	1	“	*05*
2821	30.0 30.0	+10 53 +10 53	3.3	3.80	04c	3	13	05
“	“	“ “	“	3.71	04d	3	“	14
516	30.2	+78 31	9.1	9.31	05	3	3	..
“	“	“ “	“	9.15	06r	1	“	..
3034	30.3	+ 4 13	9.5	9.89	03	3	9	..
2901	30.4	+40 42	9.0	9.48	08	4	20	..
4143	30.4	−15 38	8.5	8.24	02	2	4	..
“	“	“ “	“	7.99	06	4	“	..
4153	30.4	−20 6	9.0	9.28	02	4	1	*25*
“	“	“ “	“	9.11	04	1	“	*08*
“	“	“ “	“	9.45	06′	3	“	*42*
2512	30.5	+27 3	2.0	2.34	04c	3	13	*03*
“	“	“ “	“	2.04	04d	3	“	27
..	30.5	−20 38	..	11.62	02	5	4	..
“	“	“ “	“	11.27	04	4	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	15 30.6	−20 41	..	12.23	02	4	4	..
“	“	“ “	“	12.04	04	4	“	..
..	30.6	−20 51	..	12.78	04	2	4	..
2888	30.8	+39 47	8.8	9.02	08	4	20	00
..	30.8	−20 51	..	12.07	0[illegible]	2	4	..
4120	30.9	−16 41	8.0	7.63	01	10	22	03
“	“	“ “	“	7.54	01g	10	“	12
..	31.0	+78 47	..	10.62	05	2	3	..
..	31.0	−20 52	..	11.17	02	4	4	..
“	“	“ “	“	10.74	04	2	“	..
2826	31.1	+11 35	6.3	6.10	08b	5	12	01
“	“	“ “	“	6.21	08c	1	“	*10*
4158	31.1	−20 1	9.4	10.20	02	4	1	*32*
“	“	“ “	“	9.64	04	1	“	24
“	“	“ “	“	9.98	06	3	“	*10*
..	31.2	−15 52	..	10.89	02	2	4	..
“	“	“ “	“	11.03	06	3	“	..
4144	31.3	−15 11	8.0	7.99	02	1	1	07
“	“	“ “	“	7.79	06	3	“	27
4122	31.5	−16 55	9.0	9.31	01	10	22	*14*
“	“	“ “	“	9.38	01g	10	“	*21*
2902	31.7	+40 2	9.1	9.84	08	4	20	..
4146	31.9	−15 24	9.1	8.74	02	2	4	..
“	“	“ “	“	8.75	06	4	“	..
2687	32.1	+29 32	9.5	10.01	99	1	25	..
..	32.1	+ 0 49	..	11.34	08	2	8	..
478	32.2	+80 7	7.8	8.72	05	4	3	*32*
“	“	“ “	“	8.84	06	1	“	*44*
2678	32.2	+38 42	6.5	6.26	08b	4	12	24
“	“	“ “	“	6.26	08c	2	“	24
4147	32.2	−15 23	9.2	9.11	02	2	4	..
“	“	“ “	“	9.52	06	4	“	..
2903	32.4	+40 10	7.8	7.78	08	4	20	09
4149	32.4	−15 27	9.5	9.87	02	2	4	..
“	“	“ “	“	10.30	06	4	“	..
2905	32.5	+40 8	6.8	6.83	08	4	20	*05*
..	32.5	+ 0 45	..	11.02	08	2	8	..
..	32.5	−15 48	..	12.50	02	4	4	..
4164	32.5	−20 1	8.5	8.09	02	4	1	49
“	“	“ “	“	8.14	04	1	“	44
“	“	“ “	“	8.45	06	3	“	13
3807	32.6	− 3 45	9.7	11.09	05	9	22	..
518	32.9	+78 40	8.3	8.10	05	2	1	26
“	“	“ “	“	8.58	05b	2	“	*22*
“	“	“ “	“	8.41	06	1	“	*05*
..	32.9	+ 0 44	..	12.00	08	2	8	..
..	32.9	−15 41	..	11.79	02	2	4	..
4388	32.9	−17 20	7.2	7.13	01	8	22	10
“	“	“ “	“	7.02	01g	8	“	21
..	33.0	−15 46	..	12.09	02	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	15 33.1	+78 59	..	12.21	05	5	3	..
"	"	" "	"	12.05	06	1	"	..
3808	33.1	− 3 38	9.2	10.37	05	6	22	..
4118	33.1	−18 58	6.0	5.37	03b	1	25	16
"	"	" "	"	5.99	03c	1	"	*46*
..	33.2	+ 0 43	..	12.32	08	2	8	..
3383	33.2	+ 0 35	9.5	10.19	03	3	9	..
4152	33.2	−15 11	9.0	8.79	02	1	1	17
"	"	" "	"	9.07	06r	2	"	*11*
4289	33.2	−20 15	8.7	8.45	02	6	1	38
"	"	" "	"	8.48	04	1	"	35
2906	33.3	+40 38	8.5	8.96	08	4	20	..
2892	33.3	+39 39	8.8	9.49	08	4	20	..
4129	33.3	−16 45	9.0	9.43	01	8	22	*10*
"	"	" "	"	9.56	01g	8	"	*23*
467	33.4	+78 57	9.4	10.64	02	9	25	..
"	"	" "	"	10.88	02g	4	"	..
"	"	" "	"	10.71	05	9	3	..
"	"	" "	"	10.67	06	1	"	..
3108	33.4	+ 1 29	9.3	9.64	03	3	9	..
3996	33.5	−22 49	7.0	6.71	08b	5	12	*50*
"	"	" "	"	6.52	08c	1	"	*31*
469	33.7	+79 0	9.5	10.81	05	5	3	..
"	"	" "	"	10.79	06	2	"	..
3041	33.7	+ 4 44	9.5	10.58	03	3	9	..
2983	33.7	+ 2 34	9.5	10.17	03	3	9	..
..	33.8	+ 0 43	..	12.14	08	2	8	..
2944	33.9	+24 53	8.9	8.83	08	2	19	*07*
"	"	" "	"	8.89	08b	2	"	*13*
3387	33.9	+ 0 0	8.0	7.79	03	3	1	*16*
"	"	" "	"	7.50	03g	3	"	13
"	"	" "	"	7.80	08	3	18	*17*
"	"	" "	"	7.65	08b	3	"	*02*
2901	34.0	+24 51	7.4	7.00	08	2	19	12
"	"	" "	"	6.86	08b	2	"	26
3109	34.1	+ 0 52	9.4	9.82	08	4	8	*03*
3062	34.3	+ 3 30	9.5	10.21	03	2	9	..
"	"	" "	"	10.94	03g	1	"	..
..	34.5	+ 0 43	..	11.79	08	2	8	..
519	34.6	+78 39	9.0	8.98	05	4	3	..
"	"	" "	"	8.69	06r	1	"	..
4395	34.6	−17 12	9.2	9.32	01	7	22	16
"	"	" "	"	9.40	01g	7	"	08
4295	34.6	−20 38	9.1	9.44	02	2	4	03
"	"	" "	"	9.42	06	1	"	05
3812	34.8	− 3 11	9.7	11.09	05	6	22	..
..	34.9	+79 1	..	11.62	05	2	3	..
4165	34.9	−21 16	8.1	7.94	02	2	4	..
"	"	" "	"	7.61	06	1	"	..
480	35.1	+80 47	7.0	6.76	08b	4	12	*29*
	h. m.	° ′						
A	15 35.1	+80 47	7.0	6.68	08c	2	12	*21*
4299	35.1	−20 58	9.6	10.28	02	2	4	..
"	"	" "	"	9.93	06	1	"	..
4138	35.2	−16 59	9.2	9.41	01	6	22	05
"	"	" "	"	9.36	01g	6	"	10
..	35.2	−21 6	..	12.08	02	4	4	..
2908	35.4	+40 42	9.0	8.98	08	4	20	..
2875	35.4	+12 23	6.5	6.28	08b	5	12	03
"	"	" "	"	6.30	08c	1	"	01
..	35.5	−21 0	..	12.38	02	4	4	..
2665	35.6 35.6	+36 58 +36 58	4.3	4.56	05c	3	13	13
"	"	" "	"	4.58	05d	3	"	11
..	35.7	+ 0 52	..	11.54	08	2	8	..
2896	35.8	+39 44	8.7	8.79	02	3	1	03
"	"	" "	"	9.02	08	4	20	*20*
..	35.9	+ 0 46	..	12.55	08	2	8	..
4302	35.9	−20 57	10	11.04	02	2	4	..
"	"	" "	"	11.06	06	1	"	..
4161	36.0	−15 14	8.8	8.81	02	1	1	*05*
"	"	" "	"	9.00	06	2	"	*24*
4188	36.2	−19 21	5.3	5.06	03b	2	13	*10*
"	"	" "	"	5.14	03c	2	"	*18*
"	"	" "	"	4.83	04b	1	"	13
"	"	" "	"	4.99	04c	2	"	*03*
"	"	" "	"	5.19	04d	1	"	*23*
..	36.3	−20 39	..	11.26	02	2	4	..
4163	36.4	−15 15	8.8	8.70	02	1	1	25
"	"	" "	"	9.06	06	2	"	*11*
4307	36.4	−21 0	9.1	9.61	02	2	4	05
"	"	" "	"	9.63	06	1	"	03
4144	36.5	−17 3	9.0	9.03	01	6	22	17
"	"	" "	"	9.12	01g	6	"	08
520	36.7	+78 31	9.1	9.64	05	4	3	..
"	"	" "	"	9.39	06	1	"	..
563	36.7	+76 46	7,5	7.78	05	2	1	*26*
"	"	" "	"	7.47	05b	2	"	05
"	"	" "	"	7.59	06	1	"	*07*
1583	36.9	+58 14	6.3	6.40	08b	4	12	06
"	"	" "	"	6.44	08c	2	"	02
3389	36.9	+ 0 46	7.5	7.32	08	1	8	07
3138	37.1	+20 0	4.5	4.56	04b	3	13	*07*
"	"	" "	"	4.55	04c	3	"	*06*
3075	37.2	+ 3 50	9.4	9.53	03	3	9	..
"	"	" "	"	9.22	03g	1	"	..
3114	37.2	+ 1 40	9.5	10.55	03	2	9	..
"	"	" "	"	10.52	03g	1	"	..
3049	37.3	+ 3 59	9.5	10.72	03	1	25	..
..	37.5	+ 0 44	..	11.99	08	2	8	..
4309	37.5	−20 48	8.4	8.71	02	2	4	19

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3392	15 37.7	+ 0 30	9.5	10.66	03	3	9	..	3023	15 41.6	+ 7 40	5.0	4.34	04b	2	13	08
3050	37.9	+ 4 1	9.5	10.44	03	2	9	..	"	"	" "	"	4.38	04c	3	"	04
"	"	" "	"	10.40	04	1	"	..	"	"	" "	"	4.15	04d	1	"	27
741	38.0	+71 28	7.2	7.04	05	3	1	08	4323	41.7	−20 55	7.8	8.01	02	6	4	..
"	"	" "	"	6.94	05b	1	"	18	3059	41.9	+ 4 43	9.4	9.73	03	4	9	..
"	"	" "	"	6.84	06	1	"	28	4324	42.0	−20 16	9.0	9.33	02r	6	1	10
4039	38.0	− 2 29	9.5	10.86	05	6	22	..	"	"	" "	"	8.95	04	1	"	48
463	38.1	+82 36	7.5	7.06	05	2	1	*14*	2936	42.1	+14 48	8.8	9.13	01r	3	1	*09*
"	"	" "	"	6.80	05b	2	"	12	3130	42.1	+ 1 29	9.5	10.26	03	3	9	..
"	"	" "	"	7.01	06	1	"	*09*	3400	42.1	+ 0 32	9.3	9.89	03	3	9	..
470	38.2	+79 31	8.0	8.44	05	4	3	..	3401	42.2	+ 0 1	7.5	7.39	03	3	1	*16*
"	"	" "	"	8.40	06	1	"	..	"	"	" "	"	7.08	03g	2	"	15
..	38.4	+ 0 49	..	10.89	08	2	8	..	*4221*	42.6	−20 6	8.5	8.55	02	4	1	08
2722	38.5	+26 37	4.0	3.97	04b	1	13	*04*	2635	42.8	+42 46	7.3	7.33	08	2	19	09
"	"	" "	"	3.76	04c	3	"	17	"	"	" "	"	7.22	08b	2	"	20
"	"	" "	"	3.84	04d	2	"	09	2646	42.8	+36 50	9.3	9.87	07	6	4	..
2986	38.5	+ 2 16	9.5	10.22	03	3	9	..	*523*	42.9	+80 56	7.3	6.96	05	2	1	01
2417	38.8	+49 46	8.1	8.50	06	5	1	02	"	"	" "	"	7.02	05b	2	"	*05*
2904	39.0	+39 51	8.4	8.59	02	3	1	43	"	"	" "	"	7.06	06	1	"	*09*
4413	39.2	−17 23	9.2	9.67	01	7	22	*13*	2674	43.1	+37 5	8.9	8.91	07	6	4	..
"	"	" "	"	9.81	01g	6	"	*27*	*2726*	43.1	+34 55	9.0	9.24	07	6	1	*22*
4314	39.2	−20 58	9.8	10.93	02	6	4	..	4329	43.1	−20 9	7.7	7.66	02	5	1	27
3088	39.3	+ 6 44	2.2	2.73	04c	3	13	02	2916	43.3	+39 31	9.0	8.92	02	3	4	..
"	"	" "	"	2.62	04d	3	"	13	*4284*	43.3	−15 7	9.3	9.88	01	2	1	23
348	39.5	+84 51	8.8	8.79	00	3	1	*01*	"	"	" "	"	9.68	02	1	"	43
4041	39.7	− 2 13	9.4	10.48	05	6	22	..	2475	43.6	+28 46	7.4	7.43	02	4	25	00
..	39.7	−20 52	..	12.38	02	12	4	..	"	"	" "	"	7.21	02g	4	"	22
523	39.8	+78 46	9.5	10.72	05	4	3	..	2940	43.6	+14 6	7.0	5.90	08	2	19	20
"	"	" "	"	10.57	06	1	"	..	"	"	" "	"	5.96	08b	2	"	14
2914	39.8	+24 46	7.3	7.29	08	2	19	*08*	4227	43.6	−19 59	8.0	7.72	02	3	1	16
"	"	" "	"	7.05	08b	2	"	16	..	43.8	+39 59	..	10.33	02	7	4	..
..	39.8	−20 55	..	11.91	02	12	4	..	2648	43.8	+36 40	9.2	9.47	07	6	4	..
3055	40.3	+ 4 51	9.0	8.77	03	3	1	*10*	4331	43.8	−20 9	8.5	8.65	02	3	1	18
"	"	" "	"	8.55	03g	3	"	12	4332	43.8	−20 28	7.5	7.67	02	3	1	*25*
2914	40.4	+39 52	7.9	7.56	02	3	1	01	3074	44.2	+18 27	4.0	4.32	04b	1	13	*04*
3125	40.6	+ 1 10	6.7	6.42	08b	5	12	04	"	"	" "	"	4.30	04c	3	"	*02*
"	"	" "	"	6.39	08c	1	"	07	"	"	" "	"	4.31	04d	2	"	*03*
..	40.6	−20 46	..	11.77	02	7	4	..	2943	44.2	+14 44	9.0	8.86	01	3	1	13
2908	40.8	+39 43	9.0	9.13	02	3	1	*06*	4334	44.2	−20 25	9.5	9.40	02	2	4	..
3082	41.0	+ 3 27	9.5	10.44	03	3	9	..	..	44.3	+36 38	..	10.94	07	6	4	..
4319	41.0	−21 5	9.3	10.50	02	6	4	..	..	44.4	+36 39	..	11.91	07	6	4	..
2995	41.1	+ 2 32	9.5	10.40	03	3	9	..	*4052*	44.4	− 3 7	3.8	3.51	03c	1	13	12
4320	41.1	−21 1	9.1	9.66	02	6	4	..	"	"	" "	"	3.42	03d	1	"	21
3012	41.2	+19 49	9.3	9.51	01	3	1	04	"	"	" "	"	3.92	04b	1	"	*29*
2916	41.4	+39 59	9.0	9.41	02	3	1	11	"	"	" "	"	3.80	04c	3	"	*17*
3144	41.4	+19 54	9.0	8.92	01	3	1	08	"	"	" "	"	3.40	04d	2	"	23
4322	41.5	−20 10	7.6	7.54	02	7	1	19	..	44.6	+40 2	..	12.03	02	7	4	..
"	"	" "	"	7.68	04	1	"	05	2330	44.7	+48 13	8.0	8.38	06	4	5	..
2911	41.6	+15 44	3.3	3.69	04c	3	13	05	2925	44.7	+40 19	9.0	9.48	02	6	4	19
"	"	" "	"	3.73	04d	3	"	01	2917	44.7	+15 25	9.5	10.20	02	6	4	*09*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° '								h. m.	° '						
..	15 44.9	+36 35	..	12.52	07	6	4	..	4171	15 47.2	−16 23	9.4	10.54	06	2	4	..
..	44.9	+36 34	..	12.86	07	2	4	..	"	"	" "	"	10.46	07	2	"	..
B	44.9	− 2 4	B	10.29	04	6	22	..	2921	47.3	+15 9	8.5	8.45	02	6	4	32
2338	45.0	+44 54	9.1	10.04	02	3	1	*42*	..	47.4	+39 46	..	12.12	02	6	4	..
11131	45.0	−25 27	5.3	4.55	03b	1	25	22	4172	47.4	−16 16	9.4	9.80	06	2	4	..
"	"	" "	"	4.72	03c	1	"	05	"	"	" "	"	10.08	07	2	"	..
..	45.3	+39 52	..	12.84	02	6	4	..	*2652*	47.5	+35 59	5.0	5.04	05c	3	13	*27*
..	45.3	+15 30	..	12.21	01	7	4	..	"	"	" "	"	4.89	05d	3	"	*12*
2737	45.4	+26 23	4.5	4.74	04b	3	13	*01*	2922	47.5	+15 21	9.0	9.28	01	13	4	38
"	"	" "	"	4.93	04c	3	"	*20*	2923	47.5	+15 32	8.0	7.39	02	6	4	*12*
..	45.4	+15 23	..	11.59	01	6	4	..	527	47.6	+78 6	4.7	4.27	05c	3	13	07
..	45.4	+15 14	..	11.24	01	6	4	..	"	"	" "	"	4.26	05d	3	"	08
..	45.5	+15 32	..	12.29	01	7	4	..	2430	47.6	+49 33	8.4	8.86	06	4	5	..
3154	45.6	+20 1	8.0	8.24	01	3	1	*09*	*12352*	47.6	−25 2	5.5	4.84	03b	2	13	*18*
..	45.6	+15 20	..	11.36	01	6	4	..	"	"	" "	"	4.91	03c	2	"	*25*
B	45.6	− 2 4	B	10.77	04	6	22	..	"	"	" "	"	4.96	04b	1	"	*30*
4343	45.7	−20 16	7.3	7.66	02	3	1	*38*	"	"	" "	"	4.69	04c	2	"	*03*
2928	45.8	+39 59	8.0	8.44	02	6	4	*08*	..	47.8	−16 11	..	10.80	06	2	4	..
3069	45.8	+ 4 47	3.5	3.57	03i	3	1	18	"	"	" "	"	10.79	07	2	"	..
2332	45.9	+48 47	9.2	10.06	06	4	5	..	2335	48.0	+48 32	9.1	9.89	06	4	5	..
2428	46.0	+49 0	8.5	8.51	06	4	5	..	2932	48.0	+40 3	7.5	7.92	02	6	4	22
..	46.0	+15 10	..	10.56	02	6	4	..	*4253*	48.0	−20 1	8.7	8.64	01	2	1	*06*
3070	46.0	+ 4 8	9.0	9.98	03r	3	9	..	"	"	" "	"	8.64	02	1	"	*06*
2920	46.1	+39 41	9.4	9.87	02	6	4	..	4352	48.0	−20 30	9.7	10.63	05	4	25	..
3010	46.1	+ 2 24	9.5	10.43	03	3	9	..	4174	48.1	−16 27	4.8	4.20	03b	3	13	14
4269	46.1	−13 50	6.5	6.49	08b	3	12	*24*	"	"	" "	"	4.26	03c	3	"	08
"	"	" "	"	6.55	08c	3	"	*30*	"	"	" "	"	4.16	04c	2	"	18
..	46.2	+40 8	..	11.65	02	7	4	..	"	"	" "	"	4.46	04d	2	"	*12*
..	46.2	+39 43	..	12.39	02	9	4	..	*3082*	48.3	+17 52	8.8	9.24	05	5	22	..
3414	46.2	+ 0 27	9.4	10.24	03	3	9	..	"	"	" "	"	9.47	05b	1	"	..
2919	46.3	+14 59	9.0	8.76	01	3	1	*14*	2926	48.4	+17 43	6.5	6.43	08b	3	12	01
2340	46.4	+44 54	8.9	9.93	02	3	1	*26*	"	"	" "	"	6.47	08c	3	"	*03*
..	46.4	+ 4 10	..	8.82	03	3	9	..	2925	48.4	+15 44	7.5	7.48	02	6	4	14
3137	46.4	+ 1 27	9.5	10.92	03	3	9	..	"	"	" "	"	7.49	08	2	19	13
3089	46.5	+ 3 49	9.3	9.62	03	2	9	..	"	"	" "	"	7.46	08b	2	"	16
"	"	" "	"	9.67	03g	1	"	..	2336	48.5	+48 22	9.5	10.30	06	4	5	..
2930	46.7	+40 17	9.5	10.86	02r	5	4	..	2337	48.5	+48 32	9.5	10.82	06	4	5	..
..	46.8	+40 0	..	11.71	02	6	4	..	3024	48.5	+13 31	6.3	6.28	08	1	19	*12*
2429	46.9	+48 56	9.5	10.60	06	4	5	..	"	"	" "	"	5.73	08b	2	"	43
2829	46.9	+21 17	5.0	4.73	04b	3	13	15	"	"	" "	"	6.20	08c	1	"	*04*
"	"	" "	"	5.07	04c	3	"	*19*	3141	48.7	+ 1 35	9.5	10.86	03	3	9	..
2979	47.0	+25 29	8.9	9.85	05	5	22	..	..	48.8	−16 10	..	10.78	06	2	4	..
"	"	" "	"	9.66	05b	1	"	..	"	"	" "	"	10.90	07	2	"	..
4170	47.0	−16 9	9.3	10.12	06	2	4	..	*3083*	48.9	+17 58	9.5	10.65	05	5	22	..
"	"	" "	"	10.02	07	2	"	..	"	"	" "	"	10.81	05b	1	"	..
4248	47.0	−20 0	9.1	10.14	01	2	1	*66*	3095	48.9	+ 3 14	9.2	9.56	04	6	22	..
"	"	" "	"	10.04	02	4	"	*56*	4355	48.9	−20 31	8.3	7.89	05	6	24	..
2980	47.1	+25 26	8.8	9.66	05	5	22	..	"	"	" "	"	8.16	05b	2	"	..
"	"	" "	"	9.48	05b	1	"	..	2934	49.0	+40 15	8.6	9.08	02	6	4	06
..	47.2	+15 16	..	10.06	02	6	4	..	..	49.1	−15 50	..	11.03	06	2	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	15 49.1	−15 50	..	11.61	07	2	4	..	..	15 51.7	+29 33	..	11.79	07	4	4	..
..	49.1	−15 58	..	11.36	06	2	4	..	..	51.8	+29 30	..	11.63	07	4	4	..
“	“	“ “	“	11.40	07	2	“	..	..	51.8	+29 29	..	10.97	07	4	4	..
2648	49.2	+42 44	4.3	4.58	05c	3	13	03	*2849*	51.8	+15 59	3.8	3.77	04c	3	13	09
“	“	“ “	“	4.54	05d	3	“	07	“	“	“ “	“	3.99	04d	3	“	*13*
3077	49.3	+ 4 19	9.5	10.09	03	3	9	..	3038	51.9	+19 44	8.8	9.06	01	3	1	*11*
2734	49.4	+29 46	8.1	8.27	07	4	4	04	..	52.0	+29 33	..	12.48	07	4	4	..
2748	49.4	+26 4	8.9	9.34	05	4	22	..	..	52.2	+29 43	..	11.03	07	4	4	..
“	“	“ “	“	9.32	05b	2	“	..	2994	52.2	+25 28	8.3	8.59	05	3	22	..
2518	49.5	+44 50	8.5	8.95	08	3	18	17	“	“	“ “	“	8.55	05b	3	“	..
“	“	“ “	“	8.97	08b	3	“	15	2933	52.6	+39 43	7.7	8.05	02	2	1	*13*
2956	49.6	+14 52	9.0	9.41	01	3	1	*17*	4302	52.6	−13 59	5.0	4.64	03b	3	13	04
..	49.6	−18 4	..	11.72	01	4	4	..	“	“	“ “	“	4.64	03c	3	“	04
“	“	“ “	“	11.40	02	2	“	..	“	“	“ “	“	4.71	04b	1	“	*03*
3033	49.7	+19 43	8.7	8.43	01	3	1	22	“	“	“ “	“	4.50	04c	1	“	18
4448	49.7	−18 6	10	11.89	01	4	4	..	4226	52.6	−15 11	8.3	8.10	01r	2	1	*09*
“	“	“ “	“	11.50	02	2	“	..	“	“	“ “	“	8.18	02	1	“	*17*
3021	49.9	+ 2 30	9.5	10.74	03	3	9	..	“	“	“ “	“	8.00	06	4	“	01
2340	50.0	+48 49	9.5	10.26	06	4	5	..	“	“	“ “	“	7.98	07	2	“	03
..	50.0	−18 2	..	11.68	01	4	4	..	3436	52.9	+ 0 34	9.5	11.01	03	3	9	..
“	“	“ “	“	11.40	02	2	“	..	2742	53.0	+29 32	9.5	10.68	07	4	4	..
2736	50.1	+29 44	9.2	9.54	07	4	4	12	*2997*	53.1	+24 54	8.5	9.24	05	3	1	*23*
3426	50.1	+ 0 10	9.5	10.33	03	3	9	..	3089	53.3	+ 4 21	9.5	10.36	03	3	9	..
4450	50.1	−17 44	8.0	8.17	02	6	4	..	3107	53.3	+ 3 7	9.3	9.86	03	3	9	..
2341	50.2	+48 22	9.4	10.08	06	4	5	..	2558	53.4	+27 10	4.0	4.10	04b	3	13	12
4452	50.3	−17 58	8.7	8.88	02	6	4	..	“	“	“ “	“	4.12	04c	3	“	10
4453	50.4	−18 3	9.0	9.67	01	1	25	..	3037	53.7	+13 7	8.0	8.42	08	2	19	..
“	“	“ “	“	9.32	02	6	4	..	“	“	“ “	“	8.25	08b	2	“	..
4454	50.4	−17 54	10	11.64	01	4	4	..	3026	53.8	+ 2 9	9.5	10.59	03	2	9	..
“	“	“ “	“	11.48	02	2	4	..	“	“	“ “	“	10.49	04	1	“	..
3098	50.6	+ 3 6	9.3	10.02	03	3	9	..	*4276*	54.2	−20 8	9.0	9.35	01	2	1	*22*
4290	50.6	−14 6	6.8	6.14	04c	1	12	25	“	“	“ “	“	9.32	02	1	“	*19*
“	“	“ “	“	6.33	08b	3	“	06	2655	54.3	+42 31	8.5	8.77	08	2	19	..
“	“	“ “	“	6.45	08c	3	“	*06*	“	“	“ “	“	8.75	08b	2	“	..
4455	50.6	−17 52	10	11.57	01	4	4	..	2745	54.3	+29 51	8.9	9.42	07	4	4	*01*
“	“	“ “	“	11.38	02	2	“	..	2761	54.3	+26 13	9.1	9.83	04	6	22	*07*
..	50.6	−18 4	..	11.57	02	6	4	..	2746	54.4	+29 39	9.3	9.95	07	4	4	..
4197	50.6	−18 19	9.2	9.76	01	8	4	06	2938	54.4	+15 41	9.2	10.12	05	4	22	..
“	“	“ “	“	9.44	02	4	“	38	“	“	“ “	“	9.99	05b	2	“	..
2991	50.7	+24 53	8.8	9.25	05	3	1	01	4068	54.4	−22 20	2	2.54	03c	3	13	00
2929	50.7	+14 55	8.3	8.56	01	3	1	03	“	“	“ “	“	2.51	03d	3	“	03
4200	50.7	−18 18	9.7	10.38	02	7	4	..	“	“	“ “	“	3.02	04c	1	“	*48*
4363	50.8	−20 8	8.3	8.38	01	2	1	00	“	“	“ “	“	2.32	04d	2	“	22
“	“	“ “	“	8.68	02	1	“	*30*	*3005*	54.7	+24 54	8.3	8.85	05	3	1	21
..	51.0	+29 38	..	12.88	07	4	4	..	4379	54.7	−20 10	8.9	9.49	01	2	1	*31*
3099	51.0	+ 3 9	8.5	8.81	04	3	22	..	“	“	“ “	“	9.28	02	1	“	*10*
“	“	“ “	“	8.77	04b	3	“	..	2763	54.8	+26 26	8.8	9.28	04	4	22	*09*
4316	51.3	−15 3	9.3	9.46	01	2	1	10	“	“	“ “	“	9.26	04b	2	“	*07*
“	“	“ “	“	9.30	02	1	“	26	3153	54.8	+ 1 28	9.5	10.51	03	3	9	..
..	51.3	−18 6	..	10.93	02	7	4	..	4230	55.1	−15 8	8.5	8.86	01	2	1	20

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	15 55.1	−15 8	8.5	8.97	02	1	1	09
“	“	“ “	“	9.11	06	4	“	*05*
“	“	“ “	“	8.92	07	2	“	14
2945	55.2	+17 38	9.0	8.54	04	5	22	..
“	“	“ “	“	8.26	04b	1	“	..
“	“	“ “	“	8.76	06	6	17	..
“	“	“ “	“	8.56	06b	2	“	..
“	“	“ “	“	8.64	09	4	25	..
2764	55.3	+26 26	9.5	10.22	07	4	7	..
2946	55.3	+17 40	8.5	8.84	09	4	25	..
1793	55.4	+55 2	5.1	4.89	05b	1	13	07
“	“	“ “	“	4.95	05c	3	“	01
“	“	“ “	“	4.87	05d	2	“	09
2940	55.8	+15 49	9.0	8.99	05	4	22	..
“	“	“ “	“	9.08	05b	2	“	..
2865	55.9	+15 57	8.4	8.14	08	2	19	..
“	“	“ “	“	8.22	08b	2	“	..
2735	56.2	+29 55	8.3	8.53	07	4	1	08
“	“	“ “	“	8.64	08	3	18	*03*
“	“	“ “	“	8.76	08b	3	“	*15*
4385	56.6	−20 13	9.2	9.96	06	1	1	*08*
“	“	“ “	“	9.97	07	2	“	*09*
3158	56.7	+ 1 21	9.5	10.24	03	3	9	..
4092	56.7	− 2 54	9.1	9.90	04	6	22	..
4093	56.8	− 3 4	8.8	9.02	03	1	22	..
“	“	“ “	“	8.69	03g	1	“	..
“	“	“ “	“	9.31	04	6	“	..
4236	56.9	−15 12	9.1	9.49	01	2	1	12
“	“	“ “	“	9.56	02	1	“	05
“	“	“ “	“	9.83	06	2	“	*22*
“	“	“ “	“	9.82	07	2	“	*21*
2048	57.2	+51 4	8.1	8.06	02	6	4	..
4388	57.2	−20 12	9.4	9.86	06	1	1	22
“	“	“ “	“	9.81	07	2	“	27
12488	57.2	−24 22	8.9	8.59	07	4	4	..
2942	57.4	+39 26	6.7	6.78	08	2	19	*11*
“	“	“ “	“	6.55	08b	2	“	12
2738	57.4	+30 7	5.0	5.10	05c	4	13	*19*
“	“	“ “	“	4.80	05d	3	“	11
12660	57.4	−24 3	9.3	9.66	07	4	4	..
3101	57.5	+ 4 45	8.9	8.64	02	1	1	16
“	“	“ “	“	8.72	02g	1	“	08
“	“	“ “	“	8.81	03	4	“	*01*
“	“	“ “	“	8.71	03g	4	“	09
3032	57.5	+ 2 16	9.3	9.86	03	3	9	..
3118	57.6	+ 3 28	9.5	10.62	03	3	9	..
3102	57.7	+ 4 35	9.5	10.66	03	2	9	..
“	“	“ “	“	10.71	04	1	“	..
2050	57.8	+51 6	8.0	8.01	02	6	4	..
12663	57.8	−23 59	9.9	10.38	07	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2886	15 57.9	+23 4	4.6	4.76	04b	2	13	06
“	“	“ “	“	4.86	04c	2	“	*04*
12499	57.9	−24 27	6.8	6.31	07	4	4	11
“	“	“ “	“	6.82	08b	4	12	*40*
“	“	“ “	“	6.71	08c	2	“	*29*
3448	58.1	+ 0 15	9.5	10.04	03	3	9	..
“	“	“ “	“	9.91	04	1	“	..
4264	58.2	−21 39	8.7	8.78	06	4	4	..
12667	58.2	−23 53	10	11.25	07	5	4	..
4265	58.3	−21 32	9.6	10.78	06	4	4	..
..	58.3	−23 47	..	12.07	07	3	4	..
2726	58.4	+34 44	8.5	8.68	07	6	1	16
12672	58.5	−23 57	10	12.20	07	2	4	..
2986	58.7	+14 33	8.8	9.36	05	3	22	..
“	“	“ “	“	9.28	05b	3	“	..
2760	58.9	+34 56	9.3	10.07	07	6	1	*10*
4237	58.9 58.9	−11 6 −11 6	4.4	4.20	03b	2	13	*04*
“	“	“ “	“	3.95	03c	3	“	21
“	“	“ “	“	4.25	03d	1	“	*09*
“	“	“ “	“	4.38	04c	2	“	*22*
“	“	“ “	“	4.38	04d	2	“	*22*
4303	59.0	−20 2	8.5	8.88	06	7	1	00
“	“	“ “	“	8.94	07	2	“	*06*
2051	59.2	+51 38	8.3	8.18	02	6	4	..
2988	59.2	+14 24	9.0	8.93	05	3	22	..
“	“	“ “	“	9.13	05b	3	“	..
12682	59.2	−23 46	9.3	9.32	07	4	4	..
3147	59.3	+ 6 19	8.1	7.87	06r	3	1	17
4266	59.3	−21 28	9.6	10.32	06	4	4	..
2764	59.4	+34 57	8.1	8.34	07	6	1	*04*
3149	59.4	+ 6 15	7.9	7.11	06	3	1	03
“	“	“ “	“	7.18	08	2	19	*04*
“	“	“ “	“	7.50	08b	2	“	*36*
12690	59.5	−23 49	9.8	10.06	07	4	4	..
2142	59.6	+46 19	4.1	4.73	05c	3	13	*09*
“	“	“ “	“	4.67	05d	3	“	*03*
4307	59.6 59.6	−19 32 −19 32	2	2.64	03c	3	13	12
“	“	“ “	“	2.61	03d	3	“	15
“	“	“ “	“	3.22	04c	2	“	*46*
“	“	“ “	“	2.68	04d	2	“	08
12692	59.6	−23 57	7.3	7.35	07	4	4	10
2292	59.8	+47 0	8.1	8.27	02	6	25	11
“	“	“ “	“	8.27	02g	6	“	11
4399	59.8	−20 10	7.7	7.27	06	7	1	06
“	“	“ “	“	7.08	07	2	“	25
4269	59.8	−21 34	7.5	7.64	06	4	4	16
1608	16 0.0	+58 50	3.5	4.02	05c	3	13	09
“	“	“ “	“	4.09	05d	3	“	02

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
3020	16	0.0	+25	30	7.5	7.06	07	4	7	00
4402		0.0	−20	13	8.9	9.05	06	7	1	*17*
“		“	“	“	“	8.92	07	2	“	*04*
352		0.1	+84	53	8.4	8.20	00	2	1	*17*
2952		0.1	+ 9	55	8.0	7.82	06	4	3	*10*
. .		0.1	−21	17	. .	11.20	06	4	4	. .
2248		0.3	+50	12	9.2	9.58	02	6	4	. .
4271		0.3	−21	18	9.0	9.44	06	4	4	. .
4243		0.4	−15	12	8.5	8.64	06	4	1	02
“		“	“	“	“	8.68	07	2	“	*02*
4236		0.7	− 5	12	8.7	9.12	05r	3	1	*22*
4313		0.7	−19	58	9.4	9.79	06	1	1	*26*
“		“	“	“	“	9.79	07	1	1	*26*
3134		0.8	+ 8	22	6.8	6.64	08b	5	12	*50*
“		“	“	“	“	6.39	08c	1	“	*25*
4237		0.8	− 5	17	9.0	8.97	05	4	1	13
2954		0.9	+10	14	9.4	9.06	06	4	3	. .
4274		0.9	−21	39	9.1	9.16	06	6	4	. .
2250		1.0	+50	46	8.8	8.94	02	6	4	. .
4405		1.0	−20	24	4.7	4.24	03b	2	13	*11*
“		“	“	“	“	4.02	03c	3	“	11
“		“	“	“	“	4.07	03d	1	“	06
“		“	“	“	“	3.97	04c	2	“	16
“		“	“	“	“	4.32	04d	2	“	*19*
3454		1.1	− 0	7	8.0	7.68	02	1	1	*25*
“		“	“	“	“	7.44	02g	1	“	*01*
“		“	“	“	“	7.77	03	3	“	*34*
“		“	“	“	“	7.51	03g	3	“	*08*
2955		1.2	+10	12	7.5	6.86	06	4	3	16
2947		1.5	+39	24	6.5	6.44	08	2	19	40
“		“	“	“	“	6.60	08b	2	“	24
4408		1.6	−20	36	5.0	4.49	03b	3	13	09
“		“	“	“	“	4.70	03c	3	“	*12*
“		“	“	“	“	4.79	04c	2	“	*21*
“		“	“	“	“	4.77	04d	2	“	*19*
3044		1.7	+ 2	35	9.3	9.99	02	1	9	. .
“		“	“	“	“	9.63	03	2	“	. .
4278		1.7	−21	21	9.7	11.12	06	4	4	. .
4112		1.9	− 2	36	9.1	9.95	04	6	22	. .
4279		1.9	−21	9	8.2	7.83	06	4	4	. .
12552		1.9	−24	11	6.7	6.74	08b	4	12	*52*
“		“	“	“	“	6.67	08c	2	“	*45*
2252		2.0	+50	40	9.5	9.91	02	13	4	. .
2253		2.0	+50	22	9.5	11.16	02	12	4	. .
3126		2.0	+ 3	46	9.4	9.93	02	1	9	. .
“		“	“	“	“	9.77	03	2	“	. .
3458		2.3	+ 0	43	9.5	11.08	07	2	8	. .
3116		2.4	+ 4	26	9.5	10.45	02	1	9	. .
“		“	“	“	“	10.19	03	2	“	. .
3459		2.5	+ 0	17	9.3	10.15	02	1	9	. .
A	16	2.5	+ 0	17	9.3	9.91	03	2	9	. .
4282		2.5	−21	21	9.5	10.56	06	5	4	. .
. .		2.7	−21	8	. .	11.47	06	2	4	. .
. .		2.7	−21	19	. .	12.54	06	2	4	. .
3069		2.8	+13	36	7.5	7.66	06	1	1	*48*
. .		2.8	+ 0	50	. .	10.56	07	2	8	. .
12731		2.8	−23	25	6.3	6.19	08b	4	12	*40*
“		“	“	“	“	6.14	08c	2	“	*35*
2950		2.9	+38	56	8.4	8.40	08	2	19	. .
“		“	“	“	“	8.60	08b	2	“	. .
2950		3.1	+12	40	7.5	7.19	06	1	1	21
. .		3.1	+10	14	. .	11.37	06	5	3	. .
2254		3.2	+50	23	9.4	10.57	02	6	4	. .
3031		3.2	+25	11	8.3	8.58	06	4	4	. .
2255		3.3	+50	26	9.3	10.22	02	6	4	. .
2959		3.3	+10	22	7.3	6.92	06	4	3	*25*
3461		3.4	+ 0	50	8.8	9.24	07	2	8	*25*
. .		3.4	+ 0	43	. .	11.00	07	2	8	. .
3051		3.5	+ 1	57	9.5	10.90	02	1	9	. .
“		“	“	“	“	10.56	03	2	“	. .
4116		3.5	− 2	33	8.8	9.20	04	6	22	. .
2920		3.6	+10	53	8.7	8.72	06	4	3	. .
2960		3.6	+10	15	9.1	9.18	06	4	3	. .
4417		3.7	−20	21	8.3	8.09	07	4	4	. .
2961		3.8	+10	16	9.4	10.64	06	4	3	. .
2954		3.9	+39	24	7.8	8.32	08	2	19	00
“		“	“	“	“	8.28	08b	2	“	04
3132		4.0	+ 3	43	6.3	5.93	08b	5	12	17
“		“	“	“	“	5.84	08c	1	“	26
. .		4.0	+ 0	50	. .	12.80	07	2	8	. .
4502		4.1	−18	4	6.5	6.49	08b	4	12	*09*
“		“	“	“	“	6.29	08c	2	“	11
4286		4.2	−21	19	9.5	10.27	06r	3	4	. .
3169		4.3	+ 6	41	6.5	5.97	08	2	19	05
“		“	“	“	“	6.04	08b	7	B	*02*
“		“	“	“	“	5.92	08c	1	12	10
4324		4.4	−19	40	9.5	10.56	07	4	4	. .
3884		4.6	− 3	12	6.1	5.36	04b	1	25	05
“		“	“	“	“	5.92	04c	1	“	*51*
3036		4.7	+25	12	8.4	9.00	06	4	4	. .
. .		4.7	+ 0	52	. .	11.37	07	2	8	. .
12587		4.7	−24	49	9.5	9.98	06	2	4	. .
“		“	“	“	“	10.02	07	2	“	. .
. .		4.8	−20	8	. .	11.08	07	4	4	. .
12589		4.9	−24	43	9.9	11.16	06	2	4	. .
“		“	“	“	“	11.18	07	3	“	. .
2966		5.0	+10	43	8.5	8.04	06	4	3	. .
12591		5.0	−24	51	8.0	7.92	06	3	4	. .
“		“	“	“	“	8.00	07	2	“	. .
4327		5.1	−19	44	8.7	8.94	07	4	4	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4423	16 5.1	−20 8	8.9	8.90	01	3	1	10
"	"	" "	"	8.89	02	2	"	11
"	"	" "	"	8.79	06	6	"	21
"	"	" "	"	8.68	07	4	4	32
..	5.2	−24 38	..	12.34	06	2	4	..
"	"	" "	"	12.00	07	2	"	..
2699	5.3	+36 45	5.0	4.90	05c	3	13	04
"	"	" "	"	4.93	05d	3	"	01
12594	5.3	−24 40	10	11.76	06	2	4	..
"	"	" "	"	11.85	07	2	"	..
4328	5.4	−19 48	10	10.44	07	4	4	..
12595	5.4	−24 43	10	12.14	06	2	4	..
"	"	" "	"	11.74	07	2	"	..
2593	5.5	+27 14	8.0	7.84	04	3	22	..
"	"	" "	"	7.82	04b	3	"	..
12596	5.5	−24 30	9.0	9.12	06	2	4	..
"	"	" "	"	9.15	07	2	"	..
2376	5.6	+45 12	3.8	4.20	05c	3	13	06
"	"	" "	"	4.26	05d	3	"	00
3171	5.6	+ 1 32	9.5	10.37	02	1	9	..
"	"	" "	"	10.45	03	2	"	..
2791	5.7	+26 16	7.6	8.28	06	4	4	..
3464	5.8	+ 0 47	9.4	9.99	02	1	9	..
"	"	" "	"	9.62	03	2	"	..
4329	5.8	−19 52	9.7	10.76	07	4	4	..
..	5.8	−20 0	..	11.11	07	4	4	..
..	5.9	+26 41	..	10.61	04	9	25	..
3038	5.9	+24 59	9.5	11.08	06	4	4	..
2968	5.9	+10 18	7.2	7.38	06	4	3	02
3127	5.9	+ 4 29	9.5	11.18	02	1	9	..
"	"	" "	"	10.43	03	2	"	..
3039	6.0	+25 45	7.1	7.18	06	4	4	30
..	6.0	+25 11	..	11.44	06	4	4	..
2060	6.1	+51 7	8.5	8.59	02	6	4	..
..	6.2	+25 12	..	11.25	06	4	4	..
3142	6.2	+ 3 42	9.5	10.92	02	1	9	..
"	"	" "	"	10.61	03	2	"	..
4333	6.2	−19 12	4.5	4.10	03b	2	13	19
"	"	" "	"	4.05	03c	3	"	24
"	"	" "	"	4.28	03d	1	"	01
"	"	" "	"	4.06	04c	2	"	23
"	"	" "	"	4.34	04d	2	"	*05*
..	6.2	−19 47	..	11.77	07	4	4	..
12602	6.2	−24 50	9.6	10.07	06	2	4	..
"	"	" "	"	10.23	07	2	"	..
..	6.3	+24 53	..	11.69	06	5	4	..
2762	6.4	+29 58	9.0	9.41	07	4	1	*40*
12603	6.4	−24 29	9.4	10.06	06	2	4	..
"	"	" "	"	10.09	07	2	"	..
12604	6.4	−24 51	8.9	9.04	06	2	4	..
A	16 6.4	−24 51	8.9	9.33	07	2	4	..
3061	6.5	+ 2 35	9.5	10.87	02	1	9	..
"	"	" "	"	10.64	03	2	"	..
4324	6.6	− 9 48	5.3	4.97	04b	3	13	*06*
"	"	" "	"	4.95	04c	3	"	*04*
2797	6.9	+26 40	8.1	8.07	04	3	22	..
"	"	" "	"	8.08	04b	3	"	..
2798	6.9	+26 51	9.5	10.82	04	6	25	..
4268	7.0	−10 14	8.5	8.57	09	4	1	09
2597	7.1	+27 10	7.3	7.47	07	4	7	*10*
1867	7.2	+56 6	6.7	6.54	08b	4	12	05
"	"	" "	"	6.60	08c	2	"	*01*
2958	7.2	+39 24	8.3	8.42	08	2	19	..
"	"	" "	"	8.68	08b	2	"	..
3042	7.2	+25 13	8.5	8.36	06	4	4	..
3470	7.2	+ 0 51	9.3	9.98	07	2	8	..
3044	7.3	+25 41	8.8	9.01	06	4	4	..
2959	7.5	+39 41	9.5	9.92	00	1	25	..
4370	7.5	−14 51	7.4	7.94	03	1	25	*53*
3046	7.7	+25 29	9.0	9.28	06	4	4	..
3891	7.7	− 3 58	6.5	6.37	08b	4	12	*29*
"	"	" "	"	6.35	08c	2	"	*27*
12623	7.7	−24 10	6.7	6.73	08b	4	12	*39*
"	"	" "	"	6.75	08c	2	"	*41*
2696	7.8	+33 36	6.8	6.40	08b	4	12	01
"	"	" "	"	6.46	08c	2	"	*05*
4329	7.8	−10 5	9.2	10.06	09	4	1	*70*
3176	7.9	+ 0 54	9.0	9.56	07	2	8	08
3895	8.2	− 3 21	8.8	8.59	03	2	22	..
"	"	" "	"	8.69	03g	1	"	..
"	"	" "	"	8.99	04	3	"	..
2789	8.3	+34 53	9.2	9.49	07	5	1	23
3178	8.5	+ 0 55	9.1	9.42	07	2	8	17
3900	8.6	− 3 19	9.3	9.74	03	2	22	..
"	"	" "	"	9.38	03g	1	"	..
"	"	" "	"	9.95	04	3	"	..
2603	8.7	+26 56	6.5	6.60	08b	4	12	*23*
"	"	" "	"	6.30	08c	2	"	07
..	8.7	+ 0 46	..	11.96	07	2	8	..
3153	8.8	− 2 5	8.5	8.12	05	2	1	*05*
4331	8.8	−10 0	9.0	9.37	09	4	1	*06*
4249	8.8	−18 17	6.5	6.44	08b	4	12	*07*
"	"	" "	"	6.74	08c	2	"	*37*
4342	8.8	−19 59	8.8	8.99	01	3	1	14
"	"	" "	"	9.07	02	3	"	06
"	"	" "	"	9.06	06	4	"	07
"	"	" "	"	8.98	07	2	"	15
3120	9.0	+ 7 15	7.5	7.60	08	2	19	*27*
"	"	" "	"	7.08	08b	2	"	25
3903	9.1	− 3 26	3	2.98	04c	3	13	05

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	16 9.1	− 3 26	3	2.93	04d	3	13	10
3475	9.2	+ 0 45	8.9	9.57	07	2	8	*23*
3184	9.3	+ 6 9	7.0	6.43	08b	5	12	01
“	“	“ “	“	6.54	08c	1	“	*10*
3184	9.3	+ 1 28	9.2	9.79	02	1	9	. .
“	“	“ “	“	9.62	03	2	“	. .
3476	9.3	+ 0 26	9.3	9.85	02	1	9	. .
“	“	“ “	“	9.84	03	2	“	. .
4278	9.4	−15 10	9.1	9.38	06	2	1	13
“	“	“ “	“	9.48	07	2	“	03
3153	9.5	+ 3 32	9.5	10.62	02	1	9	. .
“	“	“ “	“	10.92	03	2	“	. .
. .	9.6	+ 0 45	. .	11.53	07	2	8	. .
4346	9.6	−19 59	9.1	9.96	01	4	1	*68*
“	“	“ “	“	9.93	02	2	“	*65*
“	“	“ “	“	9.73	07	2	“	*45*
3477	9.8	− 0 1	8.3	7.76	02	1	1	37
“	“	“ “	“	7.83	02g	1	“	30
“	“	“ “	“	8.23	03	3	“	*10*
“	“	“ “	“	8.02	03g	2	“	11
4390	9.8	− 6 54	9.5	10.36	09	4	7	. .
. .	10.0	+ 0 47	. .	12.32	07	1	8	. .
3159	10.0	− 2 5	8.5	8.20	05	2	1	17
4348	10.0	−19 49	7.5	8.00	07	2	1	*36*
3143	10.1	+ 4 39	9.5	9.62	02	1	9	. .
“	“	“ “	“	9.66	03	2	“	. .
. .	10.7	+38 3	. .	10.82	06	4	4	. .
4392	10.7	− 6 21	9.2	9.57	09	4	7	. .
2737	10.8	+38 3	9.5	9.95	06	4	4	. .
2984	10.9	+24 47	8.9	8.96	06	4	1	10
. .	10.9	+ 0 51	. .	12.10	07	2	8	. .
. .	11.0	+38 0	. .	11.20	06	1	4	. .
2970	11.1	+14 55	8.7	8.99	05	3	1	*05*
“	“	“ “	“	9.05	05b	1	“	*11*
3067	11.1	+ 2 33	9.5	10.12	02	1	9	. .
“	“	“ “	“	10.22	03	1	“	. .
“	“	“ “	“	9.92	04	1	“	. .
. .	11.2	+38 1	. .	11.09	06	3	4	. .
. .	11.2	− 6 26	. .	11.15	09	4	7	. .
2741	11.3	+38 9	9.4	10.61	06	5	4	. .
4394	11.4	− 6 54	10	11.18	09	4	7	. .
. .	11.5	−22 34	. .	12.46	01r	6	5	. .
“	“	“ “	“	12.10	02	3	“	. .
2613	11.7	+27 41	6.5	6.22	08b	4	12	08
“	“	“ “	“	6.38	08c	2	“	*08*
4389	11.7	−15 5	7.8	7.82	08	2	18	*41*
“	“	“ “	“	7.79	08b	2	“	*38*
4142	11.7	−22 20	9.8	10.98	01	8	5	. .
“	“	“ “	“	10.69	02	6	“	. .
3485	11.8	+ 0 51	9.1	9.44	07	2	8	05
4395	16 12.1	− 6 26	9.1	9.70	09	4	7	. .
2972	12.2	+15 1	8.3	8.54	05	3	1	00
“	“	“ “	“	8.35	05b	1	“	19
“	“	“ “	“	8.52	08	3	18	02
“	“	“ “	“	8.50	08b	3	“	04
3152	12.2	+ 4 42	9.2	8.80	02	1	1	53
“	“	“ “	“	9.63	02g	1	“	*33*
“	“	“ “	“	9.14	03	2	“	16
“	“	“ “	“	9.20	03g	2	“	10
. .	12.2	− 6 36	. .	11.97	09	4	7	. .
. .	12.2	−22 42	. .	12.01	01	4	5	. .
“	“	“ “	“	11.55	02	3	“	. .
2745	12.4	+38 53	9.1	9.63	06	4	4	. .
. .	12.4	−22 32	. .	12.37	01r	3	5	. .
“	“	“ “	“	11.86	02	4	“	. .
4271	12.5	− 5 17	9.0	9.26	05	4	1	04
. .	12.5	− 6 16	. .	11.94	09	4	7	. .
. .	12.5	−22 37	. .	12.59	01	3	5	. .
“	“	“ “	“	12.00	02	3	“	. .
4255	12.6	− 8 2	8.5	8.98	06	2	4	. .
“	“	“ “	“	8.92	07	2	“	. .
. .	12.6	−22 42	. .	12.33	01	4	5	. .
“	“	“ “	“	11.76	02	3	“	. .
2746	12.7	+38 37	8.5	8.50	06	4	4	. .
3489	12.7	+ 0 27	9.3	10.06	02	1	9	. .
“	“	“ “	“	10.06	03	3	“	. .
3155	12.8	+ 4 9	9.5	10.20	02	1	9	. .
“	“	“ “	“	9.80	03	1	“	. .
“	“	“ “	“	9.52	04	1	“	. .
3166	12.9	− 2 2	8.5	8.44	05	2	1	*12*
4086	13.0	− 4 27	3.3	3.50	04b	1	13	*16*
“	“	“ “	“	3.51	04c	3	“	*17*
“	“	“ “	“	3.38	04d	2	“	*04*
4396	13.1	− 6 45	9.0	9.37	09	4	7	. .
2747	13.2	+38 52	7.5	7.56	06	4	4	48
3494	13.4	+ 0 45	9.0	9.26	07	2	8	03
2748	13.5	+38 42	9.2	9.50	06	4	4	. .
585	13.7	+74 53	8.5	8.98	08	5	18	*16*
“	“	“ “	“	8.98	08b	2	“	*16*
3162	13.7	+ 3 19	9.3	10.09	02	1	9	. .
“	“	“ “	“	10.01	03	2	“	. .
3076	13.7	+ 2 27	9.5	10.54	02	1	9	. .
“	“	“ “	“	10.38	03	2	“	. .
4399	13.7	− 7 4	8.0	7.96	06	2	4	. .
“	“	“ “	“	7.91	07	2	“	. .
4258	13.7	− 7 38	8.7	8.36	06	2	4	. .
“	“	“ “	“	8.54	07	2	“	. .
3203	14.2	+ 1 21	9.5	10.91	02	1	9	. .
“	“	“ “	“	10.98	03	2	“	. .
12849	14.6	−23 56	5.1	4.76	03b	3	13	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	16 14.6	−23 56	5.1	4.76	03c	3	13	00
4259	14.7	− 7 25	9.6	10.88	06	1	4	..
"	"	" "	"	11.16	07	2	"	..
4361	14.7	−19 53	7.3	7.29	01	5	1	*19*
"	"	" "	"	7.22	02	2	"	*12*
2752	14.8	+38 31	7.8	8.14	06	4	4	..
4260	15.2	− 7 42	10	11.30	06	2	4	..
"	"	" "	"	11.50	07	2	"	..
4362	15.3	−19 42	8.6	8.44	01	9	22	13
"	"	" "	"	8.42	01g	8	"	15
"	"	" "	"	8.48	04	4	"	09
"	"	" "	"	8.60	04b	2	"	*03*
3503	16.0	+ 0 51	8.3	7.78	07	1	8	31
4302	16.1	−10 13	8.8	9.32	09	4	1	*01*
4364	16.3	− 9 57	8.5	8.32	09	4	1	*01*
2169	16.7	+46 33	3.5	4.02	05c	3	13	*11*
"	"	" "	"	3.96	05d	3	"	*05*
3506	16.7	+ 0 48	8.8	8.37	07	1	8	*18*
4269	16.7	− 7 46	9.9	12.48	06	1	4	..
4272	16.8	− 7 24	9.2	10.00	06	2	4	..
"	"	" "	"	10.26	07	2	"	..
3215	17.0	+ 1 16	5.0	4.89	02i	1	1	*09*
"	"	" "	"	4.80	03i	2	"	00
"	"	" "	"	4.80	04b	2	13	00
"	"	" "	"	4.75	04c	3	"	05
"	"	" "	"	4.84	04d	1	"	*04*
3508	17.1	+ 0 44	8.4	7.79	07	1	8	*15*
2972	17.4	+11 33	8.7	9.08	05	3	22	..
"	"	" "	"	8.85	05b	3	"	..
3086	17.5	+19 23	3.0	3.80	04c	3	13	*01*
"	"	" "	"	3.67	04d	3	"	12
3174	17.5	− 1 51	6.7	6.50	08b	4	12	*39*
"	"	" "	"	6.01	08c	2	"	10
1112	17.6	+65 1	9.0	9.37	01	3	1	*07*
2771	17.6	+34 52	9.3	9.37	01	2	1	15
"	"	" "	"	9.39	02	1	"	13
4275	17.6	− 7 30	8.9	9.17	06	3	4	..
"	"	" "	"	9.02	07	2	"	..
3219	17.7	+ 1 34	9.5	10.84	02	1	9	..
"	"	" "	"	10.38	03	2	"	..
3167	17.8	+ 4 36	9.5	11.27	02	1	9	..
"	"	" "	"	11.05	03	2	"	..
3180	18.0	+ 3 21	9.5	10.96	02	1	9	..
"	"	" "	"	10.40	03	2	"	..
3511	18.0	− 0 2	8.5	8.27	02	1	1	*04*
"	"	" "	"	8.38	02g	1	"	*15*
"	"	" "	"	8.30	03	3	"	*07*
"	"	" "	"	7.97	03g	3	"	26
868	18.1	+68 48	6.5	6.54	08b	4	12	*07*
"	"	" "	"	6.62	08c	2	"	*15*
	h. m.	° ′						
3071	16 18.1	+24 59	8.4	8.66	06	4	1	00
2845	18.2	+31 7	5.1	4.81	05c	3	13	*09*
"	"	" "	"	4.87	05d	3	"	*15*
2974	18.3	+11 34	9.1	9.30	05	3	22	..
"	"	" "	"	9.28	05b	3	"	..
4365	18.3	−19 49	5.0	4.52	03b	3	13	07
"	"	" "	"	4.60	03c	3	"	*01*
3172	18.4	+ 4 45	9.1	8.97	02	1	1	13
"	"	" "	"	9.21	02g	1	"	*11*
"	"	" "	"	8.96	03	2	"	14
"	"	" "	"	8.68	03g	2	"	42
3514	18.4	+ 0 31	9.5	10.84	02	1	9	..
"	"	" "	"	10.42	03	2	"	..
4276	18.5	− 7 41	9.0	9.08	06	1	4	..
3092	18.6	+ 2 24	9.5	10.45	02	1	9	..
"	"	" "	"	9.98	03	2	"	..
2983	19.0	+39 45	9.0	9.97	06	4	1	*05*
2999	19.2	+24 53	9.2	9.38	06r	3	1	*17*
3517	19.3	+ 0 3	8.8	8.96	01	1	1	*18*
"	"	" "	"	8.77	01g	1	"	01
"	"	" "	"	8.75	02	1	"	03
"	"	" "	"	8.83	02g	1	"	*05*
"	"	" "	"	8.74	03	2	"	04
"	"	" "	"	8.48	03g	2	"	30
4499	19.3	−12 55	9.3	10.67	02	4	4	..
"	"	" "	"	10.08	03	2	"	..
4320	19.6	−15 58	8.7	9.18	04	4	22	..
"	"	" "	"	8.88	05	2	"	..
4368	19.6	−19 37	8.5	8.71	01	9	22	00
"	"	" "	"	8.77	01g	8	"	*06*
"	"	" "	"	8.85	04	3	"	*14*
"	"	" "	"	8.76	04b	2	"	*05*
12861	19.6 19.6	−23 13 −23 14	4.8	4.81	05b	3	13	*05*
"	"	" "	"	4.78	05c	4	"	*02*
4501	19.7	−12 57	8.8	8.98	02	5	4	..
"	"	" "	"	8.62	03	2	"	..
4503	19.9	−12 42	9.7	11.03	02	8	4	..
4321	19.9	−15 52	8.5	9.05	04	4	22	..
"	"	" "	"	8.90	05	2	"	..
3013	20.1	+39 55	9.3	10.15	06	4	1	*18*
2994	20.2	+14 59	8.1	8.25	05	3	1	04
"	"	" "	"	8.36	05b	1	"	*07*
3230	20.5	+ 1 43	9.5	10.19	01r	1	9	..
"	"	" "	"	9.77	02	1	"	..
3049	20.8	+14 16	5.2	4.55	04b	1	13	*02*
"	"	" "	"	4.58	04c	3	"	*05*
"	"	" "	"	4.84	04d	2	"	*31*
4135	20.8	−11 15	8.2	8.43	02r	5	4	..
"	"	" "	"	8.10	03	1	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3194	16 21.0	+ 3 26	9.4	10.62	01r	2	9	. .	A	16 24.1	−24 54	5.5	4.94	03c	3	13	*07*
“	“	“ “	“	10.29	02	1	“	. .	*4118*	24.3	− 5 4	9.2	9.71	06	2	1	*21*
4508	21.0	−12 22	9.0	10.22	02	4	4	. .	“	“	“ “	“	9.55	07	2	“	*05*
“	“	“ “	“	9.63	03	2	“	. .	4154	24.4	−11 49	8.3	8.75	02	6	4	. .
4424	21.2	−14 54	9.5	11.78	03	1	25	. .	3182	24.5	+18 38	7.0	6.92	08	2	19	12
4282	21.2	−18 14	5.2	4.83	03b	3	13	02	“	“	“ “	“	6.82	08b	2	“	22
“	“	“ “	“	4.75	03c	3	“	10	3191	24.6	+ 4 48	8.0	7.83	01	1	1	07
3006	21.5	+24 47	8.4	8.81	06	4	1	*25*	“	“	“ “	“	7.72	01g	1	“	18
2984	21.5	+11 40	6.5	6.25	08b	5	12	*04*	“	“	“ “	“	7.59	02	1	“	31
“	“	“ “	“	5.80	08c	1	“	41	“	“	“ “	“	7.87	02g	1	“	03
3104	21.6	+ 2 48	9.4	10.58	01	1	9	. .	“	“	“ “	“	7.94	03	2	“	*04*
“	“	“ “	“	10.54	02	1	“	. .	“	“	“ “	“	7.73	03g	1	“	17
“	“	“ “	“	10.21	03	1	“	. .	3013	24.8	+24 9	8.5	9.34	04	6	22	. .
3181	21.7	+ 4 35	9.3	10.23	01	1	9	. .	3534	24.9	+ 0 52	9.5	10.63	01	1	9	. .
“	“	“ “	“	10.32	02	1	“	. .	“	“	“ “	“	10.52	03	2	“	. .
“	“	“ “	“	10.08	03	1	“	. .	*4435*	24.9	−15 0	8.5	9.27	06	2	1	*06*
3106	21.9	+ 2 35	7.0	6.21	08b	5	12	*03*	941	25.0	+67 16	7.3	7.14	99	4	2	26
“	“	“ “	“	6.29	08c	1	“	*11*	“	“	“ “	“	7.08	09	6	“	32
3522	21.9	+ 0 30	9.3	9.53	01	1	9	. .	3020	25.1	+40 0	8.5	8.77	01	2	1	10
“	“	“ “	“	9.57	02	1	“	. .	“	“	“ “	“	8.57	02	1	“	30
“	“	“ “	“	9.21	03	1	“	. .	“	“	“ “	“	8.60	06	3	“	27
4284	22.0	−18 57	9.8	11.44	07	4	4	. .	4305	25.1	− 7 17	7.0	6.76	08b	4	12	*37*
4373	22.0	−19 12	9.7	11.09	07	4	4	. .	“	“	“ “	“	6.82	08c	2	“	*43*
3175	22.1	+18 39	8.1	8.14	08	2	19	08	4525	25.1	−12 54	8.9	9.13	02	6	4	. .
“	“	“ “	“	8.32	08b	2	“	*10*	2939	25.2	+23 50	8.5	8.26	04	4	22	. .
2991	22.2	+39 49	9.2	9.25	06	3	1	12	“	“	“ “	“	8.36	04b	2	“	. .
4514	22.3	−12 16	10	11.48	02	5	4	. .	4527	25.2	−12 55	8.3	7.94	02	6	4	. .
12690	22.3	−24 32	7.6	7.73	05	3	22	. .	4298	25.4	−16 23	5.0	4.46	03b	3	13	*06*
“	“	“ “	“	7.72	05b	3	“	. .	“	“	“ “	“	4.38	03c	2	“	02
4243	22.4	− 8 9	5.2	4.71	04b	2	13	*03*	4374	25.4	−19 47	9.8	11.22	04	6	22	. .
“	“	“ “	“	4.70	04c	3	“	*02*	3197	25.7	+ 4 49	9.5	11.32	01	1	9	. .
“	“	“ “	“	4.75	04d	1	“	*07*	“	“	“ “	“	10.81	03	2	“	. .
4515	22.4	−12 52	8.6	8.54	02	5	4	. .	4173	25.7	−22 35	7.8	8.66	05	3	17	. .
“	“	“ “	“	8.37	03	1	“	. .	“	“	“ “	“	8.93	05b	3	“	. .
1478	22.5	+61 56	6.5	5.77	08b	3	12	*13*	“	“	“ “	“	8.51	10	3	“	. .
“	“	“ “	“	5.58	08c	2	“	06	2934	25.9	+21 42	2.5	2.95	04c	3	13	*14*
1591	22.6	+61 44	2.5	2.76	05c	3	13	13	“	“	“ “	“	2.78	04d	3	“	03
“	“	“ “	“	2.75	05d	3	“	14	3117	25.9	+ 2 24	9.4	9.68	01	1	9	. .
4285	22.8	−19 5	9.3	11.02	07	5	4	. .	“	“	“ “	“	9.37	03	2	“	. .
12691	22.9	−24 18	7.8	7.75	05	3	22	. .	3118	25.9	+ 2 12	4.0	3.66	01i	1	1	19
“	“	“ “	“	7.64	05b	3	“	. .	“	“	“ “	“	3.92	03i	2	“	*07*
4325	23.0	−15 12	8.8	9.75	06	1	1	*20*	“	“	“ “	“	4.00	04b	1	13	*15*
4581	23.0	−17 15	8.8	9.09	07	4	4	. .	“	“	“ “	“	3.78	04c	3	“	07
4304	23.5	− 5 13	8.2	8.71	06	2	1	14	“	“	“ “	“	3.84	04d	2	“	01
“	“	“ “	“	8.76	07	2	“	09	. .	25.9	−16 56	. .	11.93	07	4	4	. .
4299	23.5	− 7 55	7.2	6.60	08b	4	12	*19*	3211	26.0	+ 3 30	9.4	10.04	01	1	9	. .
“	“	“ “	“	6.73	08c	2	“	*32*	“	“	“ “	“	9.88	03	2	“	. .
4307	23.9	− 5 14	8.3	8.24	06	2	1	13	3245	26.2	+ 1 42	9.3	9.97	01	1	9	. .
“	“	“ “	“	8.54	07	2	“	01	“	“	“ “	“	9.76	03	2	“	. .
12695	24.1	−24 54	5.5	4.69	03b	3	13	18	4381	26.2	−21 15	5.5	4.57	03b	3	13	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	16 26.2	−21 15	5.5	4.48	03c	3	13	09	3546	16 28.3	+ 0 48	9.3	9.58	07	1	8	*09*
3187	26.3	+18 51	7.9	7.78	08	2	19	*04*	3200	28.4	+ 7 21	9.4	10.46	06	4	4	..
“	“	“ “	“	8.00	08b	2	“	*26*	..	28.4	−16 54	..	12.28	07	2	4	..
4303	26.5	−16 52	9.3	10.41	07	4	4	..	2830	28.5	+35 2	9.2	9.34	99	5	1	*02*
1681	26.6	+60 0	9.1	9.38	09	2	1	23	“	“	“ “	“	9.22	01	2	“	10
4375	26.6	−19 52	8.8	9.42	01	6	22	05	“	“	“ “	“	9.26	02	1	“	06
“	“	“ “	“	9.73	01g	6	22	*26*	1123	28.6	+65 4	8.2	8.56	01	3	1	19
“	“	“ “	“	9.49	04	6	22	*02*	3201	28.6	+ 7 19	9.0	8.70	06	4	4	..
3003	26.7	+39 49	9.1	9.88	01	2	1	16	3207	28.6	+ 4 52	8.8	8.88	06	4	1	*22*
“	“	“ “	“	10.04	02	1	“	00	4128	28.6	− 4 51	7.8	8.21	06	2	1	09
“	“	“ “	“	10.10	06	3	“	*06*	“	“	“ “	“	8.18	07	2	“	12
2983	26.9	+22 25	6.5	5.80	08b	5	12	16	..	28.6	−17 7	..	12.26	06	2	4	..
“	“	“ “	“	5.68	08c	1	“	28	“	“	“ “	“	12.00	07	2	“	..
4335	26.9	−15 46	7.5	6.87	06	4	4	04	722	28.7	+73 1	9.2	9.70	99	3	2	*31*
4509	27.0	−20 7	9.0	9.61	01	5	1	02	“	“	“ “	“	9.73	09	6	“	*34*
“	“	“ “	“	9.56	02	2	“	07	*882*	28.7	+69 57	8.6	8.97	01	3	1	*18*
“	“	“ “	“	9.62	07	5	“	01	..	28.7	+ 7 3	..	10.75	06	5	4	..
4596	27.1	−17 6	9.1	10.20	06	2	4	..	..	28.8	+ 7 11	..	11.74	06	4	4	..
“	“	“ “	“	10.02	07	2	“	..	..	28.8	+ 6 58	..	11.16	06	4	4	..
2828	27.4	+35 27	7.0	6.34	08b	4	12	13	*4343*	28.8	−16 1	9.5	10.82	06	4	4	..
“	“	“ “	“	6.67	08c	2	“	*20*	4308	28.9	−16 43	9.0	9.86	07	4	4	12
881	27.5	+69 55	9.1	9.71	01	3	1	*17*	4381	28.9	−19 44	8.4	8.79	01	6	22	09
3542	27.6	+ 0 51	9.3	9.44	07	2	8	35	“	“	“ “	“	8.86	01g	6	“	02
4305	27.6	−16 48	9.8	11.34	06	2	4	..	“	“	“ “	“	8.81	04	3	“	07
“	“	“ “	“	11.30	07	2	“	..	“	“	“ “	“	8.82	04b	2	“	06
..	27.6	−17 0	..	12.37	06	2	4	..	3203	29.0	+ 7 15	9.5	10.62	06	4	4	..
“	“	“ “	“	12.46	07	2	“	..	..	29.0	−17 4	..	11.80	06	2	4	..
..	27.6	−17 7	..	11.92	06	2	4	..	“	“	“ “	“	11.93	07	7	“	..
“	“	“ “	“	11.91	07	2	“	..	2864	29.3	+31 7	7.8	7.70	08	4	19	..
12704	27.8	−24 4	8.6	8.99	08	4	18	..	“	“	“ “	“	7.35	08b	1	“	..
“	“	“ “	“	9.16	08b	2	“	..	3133	29.4	+ 2 50	9.5	10.74	01	1	9	..
3073	27.9	+14 20	8.8	9.01	06	4	17	..	“	“	“ “	“	10.68	03	2	“	..
“	“	“ “	“	9.04	07	4	“	..	*4344*	29.4	−16 1	9.5	10.78	06	4	4	..
3008	27.9	+11 42	5.2	5.06	04b	2	13	*14*	..	29.4	−16 47	..	10.39	07	4	4	..
“	“	“ “	“	5.04	04c	3	“	*12*	3258	29.5	+ 1 25	9.5	10.22	01	1	9	..
“	“	“ “	“	4.92	04d	1	“	00	“	“	“ “	“	9.98	03	2	“	..
..	27.9	+ 7 8	..	11.48	06	4	4	..	4311	29.5	−16 56	9.5	10.94	07	4	4	..
3543	28.0	+ 0 50	9.3	9.51	07	1	8	*07*	943	29.6	+67 1	9.2	9.18	99	4	2	*05*
4442	28.0	−15 5	8.8	9.67	06	3	1	*21*	“	“	“ “	“	9.52	01r	12	“	*39*
942	28.1	+67 16	6.8	6.22	99	4	2	51	“	“	“ “	“	9.17	09	6	“	*04*
“	“	“ “	“	6.28	09	6	“	45	3221	29.6	+ 3 28	9.5	9.82	01	1	9	..
3244	28.1	+ 6 50	8.0	7.46	06	4	4	..	“	“	“ “	“	9.74	03	2	“	..
“	“	“ “	“	7.49	06b	1	“	..	4345	29.6	−15 40	9.3	10.25	06	4	4	..
4339	28.1	−16 4	9.6	11.26	06	4	4	..	*4346*	29.6	−16 4	8.2	8.48	06	5	4	..
850	28.2	+68 59	5.2	4.86	05b	2	13	12	*4387*	29.7	−20 3	8.7	9.14	07	5	1	04
“	“	“ “	“	5.01	05c	3	“	*03*	944	29.8	+67 26	9.5	9.89	99	4	2	..
“	“	“ “	“	5.11	05d	1	“	*13*	“	“	“ “	“	10.01	09	6	“	..
3245	28.2	+ 6 46	8.7	8.36	06	5	4	..	..	30.0	+72 7	..	11.57	99	3	2	..
2940	28.3	+21 29	8.5	8.13	04	1	22	..	..	30.0	+66 47	..	12.38	01	6	2	..
..	28.3	+ 7 7	..	11.41	06	4	4	..	1125	30.0	+65 0	9.0	9.13	01	3	1	12

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2943	16 30.0	+21 29	9.0	9.13	04	6	22	..	A	16 32.2	− 0 12	8.6	8.18	08b	2	18	*05*
945	30.2	+67 34	8.4	8.39	99	4	2	09	..	32.3	+66 48	..	11.28	99	4	2	..
“	“	“ “	“	8.86	08	3	19	*38*	“	“	“ “	“	11.82	01	6	2	..
“	“	“ “	“	8.44	08b	1	“	04	“	“	“ “	“	11.23	09	6	“	..
“	“	“ “	“	8.63	09	6	2	*15*	4182	32.3	−22 41	6.8	7.81	08	4	1	*22*
3207	30.2	+ 7 3	8.4	8.17	06	4	4	..	“	“	“ “	“	7.80	08b	2	“	*21*
3213	30.2	+ 4 40	9.5	10.40	01	2	9	..	3017	32.4	+39 44	8.8	8.89	99	5	1	*02*
“	“	“ “	“	10.27	03	2	“	..	“	“	“ “	“	9.09	01	2	“	*22*
3551	30.2	+ 0 29	9.3	9.44	01	1	9	..	“	“	“ “	“	8.96	02	1	“	*09*
“	“	“ “	“	9.64	03	2	“	..	853	32.6	+69 42	8.8	9.34	01	3	1	*05*
4348	30.4	−15 13	8.9	9.67	06	5	1	08	..	32.6	+66 55	..	12.20	99	4	2	..
“	“	“ “	“	9.62	07	7	“	13	“	“	“ “	“	12.47	09	9	“	..
4313	30.4	−16 49	9.4	11.18	06	2	4	..	..	32.7	+37 18	..	11.44	01	4	5	..
“	“	“ “	“	11.10	07	2	“	..	“	“	“ “	“	11.11	02	2	“	..
4314	30.5	−16 59	9.3	10.58	06	2	4	..	854	32.8	+69 52	9.4	9.97	01	3	1	22
“	“	“ “	“	10.69	07	2	“	..	951	32.8	+67 45	8.9	8.32	99	1	2	..
4525	30.6	−20 14	9.5	11.19	00	1	25	..	..	32.8	+66 48	..	10.50	99	4	2	..
2724	30.9	+42 39	4.0	4.13	05c	2	13	12	“	“	“ “	“	11.12	01	6	2	..
“	“	“ “	“	4.39	05d	3	“	*14*	“	“	“ “	“	10.60	09	6	“	..
..	30.9	+37 22	..	11.59	01	4	5	..	1687	32.8	+60 4	8.9	8.80	09	2	1	31
“	“	“ “	“	11.68	02	2	“	..	..	32.8	+ 0 50	..	11.22	07	2	8	..
..	31.0	+72 9	..	12.15	99	3	2	..	..	33.0	+ 0 51	..	11.92	07	2	8	..
946	31.0	+66 56	9.4	9.38	99	4	2	*15*	3557	33.0	+ 0 46	9.4	10.16	07	2	8	..
“	“	“ “	“	9.56	09	6	“	*33*	733	33.1	+72 13	9.3	9.66	99	2	2	..
726	31.3	+73 9	8.3	8.18	99	3	2	07	..	33.1	+58 2	..	12.26	09	4	7	..
“	“	“ “	“	8.20	09	6	“	05	735	33.2	+72 40	9.0	9.51	99	3	2	*27*
2946	31.3	+21 31	9.0	8.80	04	6	22	..	“	“	“ “	“	9.59	09	6	“	*35*
4315	31.3	−16 58	8.3	8.52	06	2	4	*04*	*952*	33.2	+66 55	8.7	8.38	99	3	2	04
“	“	“ “	“	8.51	07	6	“	*03*	“	“	“ “	“	8.22	09	6	“	20
..	31.4	+67 6	..	10.22	09	6	2	..	..	33.2	+ 0 49	..	11.76	07	2	8	..
1686	31.4	+60 0	8.9	8.82	09	2	1	39	..	33.3	+66 50	..	12.86	99	3	2	..
4527	31.4	−20 11	9.2	9.87	00	1	25	..	..	33.3	+37 22	..	12.29	01	4	5	..
4133	31.5	− 4 58	9.0	9.82	06	2	1	*17*	“	“	“ “	“	12.03	02	2	“	..
“	“	“ “	“	9.85	07	2	“	*20*	2777	33.3	+37 6	8.8	9.16	01	8	5	*14*
4350	31.7	−10 22	3.0	2.57	03c	3	13	13	“	“	“ “	“	8.91	02	4	“	11
“	“	“ “	“	2.56	03d	3	“	14	4533	33.3	−20 18	9.5	11.82	00	1	25	..
3266	31.8	+ 0 55	9.5	10.45	07	2	8	..	..	33.5	+58 2	..	10.88	09	8	7	..
..	32.0	+66 46	..	11.59	99	2	2	..	736	33.6	+72 44	8.9	9.16	99	3	2	00
“	“	“ “	“	12.20	01	6	“	..	“	“	“ “	“	9.01	09	6	“	15
1127	32.0	+64 54	9.0	9.22	01	3	1	18	..	33.6	+72 22	..	10.92	99	3	2	..
3267	32.0	+ 0 55	9.5	10.28	07	2	8	..	“	“	“ “	“	10.64	09	6	“	..
4399	32.0	−19 59	9.4	10.97	01	4	22	..	..	33.6	+37 24	..	12.06	01	4	5	..
“	“	“ “	“	10.85	01g	4	“	..	“	“	“ “	“	11.74	02	2	“	..
“	“	“ “	“	10.79	04	6	“	..	*3272*	33.7	+ 0 56	9.3	11.10	07	2	8	..
..	32.1	+37 31	..	11.62	01	4	5	..	3559	33.8	+ 0 49	9.5	11.47	01	1	9	..
“	“	“ “	“	11.30	02	2	“	..	“	“	“ “	“	11.86	03	2	“	..
3029	32.1	+15 42	6.5	6.52	08b	5	12	*23*	“	“	“ “	“	11.72	07	2	8	..
“	“	“ “	“	6.44	08c	1	“	*15*	1651	33.9	+58 8	9.3	9.60	09	8	7	..
1734	32.2	+59 53	8.0	7.63	09	2	1	23	..	33.9	+57 48	..	10.37	09	8	7	..
3148	32.2	− 0 12	8.6	8.17	08	4	18	*04*	3273	33.9	+ 1 49	9.4	10.77	01	1	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	16 33.9	+ 1 49	9.4	10.81	03	2	9	..
879	34.0	+68 13	7.2	7.04	99	2	2	24
"	"	" "	"	7.03	09	6	"	25
..	34.0	+66 58	..	10.38	99	2	2	..
3237	34.0	+ 3 50	9.5	10.25	01	1	9	..
"	"	" "	"	10.02	03	2	"	..
..	34.1	+57 57	..	11.70	09	4	7	..
..	34.2	+67 0	..	13.38	99	3	2	..
..	34.2	+66 58	..	11.60	99	3	2	..
"	"	" "	"	12.67	01	8	"	..
"	"	" "	"	12.04	09	8	"	..
4430	34.2	− 9 21	7.0	6.55	08b	5	12	*17*
"	"	" "	"	6.69	08c	1	"	*31*
3229	34.3	+ 4 40	9.5	10.60	01	1	9	..
"	"	" "	"	10.45	03	2	"	..
3150	34.3	+ 2 51	9.5	10.30	01	1	9	..
"	"	" "	"	9.97	03	2	"	..
..	34.3	+ 0 54	..	10.88	07	2	8	..
..	34.4	+66 57	..	12.79	99	3	2	..
..	34.6	+72 25	..	11.34	09	1	2	..
..	34.6	+ 0 52	..	10.47	07	2	8	..
3021	34.7	+39 46	6.8	6.73	01g	2	1	22
"	"	" "	"	6.90	02	1	"	05
730	34.8	+73 9	8.8	9.01	99	3	2	*19*
"	"	" "	"	8.63	09	6	"	19
..	34.8	+72 53	..	10.05	99	1	2	..
"	"	" "	"	10.15	09	9	"	..
..	34.9	+72 19	..	11.01	99	3	2	..
"	"	" "	"	10.89	09	6	"	..
3251	35.0	+ 8 37	9.2	9.50	05	3	22	..
"	"	" "	"	9.53	05b	3	"	..
..	35.0	+ 0 52	..	12.24	07	2	8	..
737	35.2	+72 11	8.4	8.70	99	3	2	05
"	"	" "	"	8.45	09	6	"	30
4369	35.4	−15 10	8.0	8.19	06	5	1	*08*
"	"	" "	"	8.40	07	7	"	*29*
12762	35.4	−24 12	8.4	8.50	05	3	22	..
"	"	" "	"	8.32	05b	3	"	..
4470	35.5	−14 59	8.7	9.34	06	4	1	*08*
"	"	" "	"	9.37	07	7	"	*11*
12765	35.5	−24 16	6.3	6.85	08br	3	12	*77*
"	"	" "	"	6.25	08c	1	"	*17*
3560	35.6	+ 0 3	9.0	9.14	01	2	1	*11*
"	"	" "	"	9.25	01g	2	"	*22*
"	"	" "	"	9.06	02	1	"	*03*
"	"	" "	"	9.24	02g	1	"	*21*
"	"	" "	"	9.21	03	2	"	*18*
"	"	" "	"	9.16	03g	2	"	*13*
3141	35.8	+19 46	9.1	9.56	04	6	22	04
3250	35.8	+ 8 58	9.4	10.68	05	5	22	..
	h. m.	° ′						
A	16 35.8	+ 8 58	9.4	10.62	05b	1	22	..
1289	35.9	+63 17	6.5	6.37	08b	4	12	07
"	"	" "	"	6.54	08c	2	"	*10*
3142	35.9	+19 6	8.9	9.07	04	3	22	..
"	"	" "	"	8.94	04b	1	"	..
4408	36.4	−19 59	8.5	8.30	07	3	1	03
4409	36.5	−19 58	8.3	8.21	07	3	1	27
3289	36.6	+ 1 40	9.5	9.72	01	2	9	..
"	"	" "	"	10.02	03	2	"	..
3563	36.8	+ 0 39	9.5	10.42	01	3	9	..
"	"	" "	"	10.41	03	2	"	..
3249	37.3	+ 3 26	9.4	10.80	01	3	9	..
"	"	" "	"	10.87	03	2	"	..
..	37.4	+36 38	..	10.99	99	4	16	..
..	37.4	+36 34	..	12.23	99	1	16	..
..	37.4	+36 31	..	11.76	99	3	16	..
1827	37.5	+54 36	8.0	8.31	02	8	5	..
..	37.5	+36 39	..	10.68	99	4	16	..
2767	37.5	+36 23	7.8	7.37	99	1	16	*18*
2884	37.5	+31 47	3.0	2.94	05c	3	13	06
"	"	" "	"	2.75	05d	3	"	25
3239	37.5	+ 4 11	9.5	10.86	01	1	9	..
"	"	" "	"	10.64	03	2	"	..
..	37.6	+36 32	..	11.89	99	3	16	..
4411	37.6	−20 2	9.0	9.78	07	3	1	*35*
3159	37.7	+ 2 47	9.5	11.00	03	3	9	..
..	37.8	+36 32	..	12.74	99	2	16	..
4197	37.8	−22 56	7.5	8.60	08	4	1	*47*
"	"	" "	"	8.94	08b	2	"	*81*
..	37.9	+36 41	..	12.65	99	3	16	..
4476	38.0	−15 3	8.0	8.30	06	3	1	31
"	"	" "	"	8.40	07	7	"	21
12903	38.0	−23 49	8.8	9.57	08	4	18	..
"	"	" "	"	9.81	08b	2	"	..
1864	38.1	+55 18	8.7	8.50	02	8	5	..
3027	38.2	+39 51	9.2	9.41	99	5	1	06
"	"	" "	"	9.78	01	2	"	*31*
"	"	" "	"	9.79	02	1	"	*32*
4381	38.3	−15 7	9.0	9.42	06	2	1	19
"	"	" "	"	9.54	07	7	"	07
..	38.4	+36 43	..	11.76	99	4	16	..
2856	38.6	+35 3	8.6	8.65	99	4	1	02
"	"	" "	"	8.42	01	2	"	25
"	"	" "	"	8.70	02	1	"	*03*
3042	38.7	+15 1	8.0	8.03	01	3	1	21
1865	38.8	+55 53	8.9	8.89	02	8	5	..
2368	38.8	+47 46	9.4	10.10	04	3	17	..
"	"	" "	"	10.14	04b	3	"	..
..	38.8	+36 32	..	10.86	99	4	16	..
..	38.9	+36 42	..	11.23	99	4	16	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	16 38.9	+36 37	..	12.98	99	3	16	..	A	16 43.4	+46 58	9.0	9.61	04b	3	17	..
862	39.2	+69 52	9.0	9.18	01	3	1	*09*	..	43.5	−19 14	..	11.16	06	4	4	..
2859	39.4	+35 0	9.1	9.26	99	4	1	*09*	*1917*	43.6	+55 57	8.0	8.22	02	7	5	..
"	"	" "	"	9.22	01	2	"	*05*	4439	43.9	−19 16	9.4	10.38	06	4	4	..
"	"	" "	"	8.91	02	1	"	26	2749	44.1	+42 26	6.5	6.15	08b	4	12	00
3029	39.5	+39 7	3.0	3.51	05c	3	13	10	"	"	" "	"	6.20	08c	2	"	*05*
"	"	" "	"	3.73	05d	3	"	*12*	3583	44.2	+ 0 6	8.4	8.27	08	3	19	..
2772	39.5	+36 42	7.7	6.66	99	4	16	24	"	"	" "	"	8.44	08b	1	"	..
3325	39.5	+20 2	8.3	8.90	01	2	1	*50*	4394	44.3	−10 36	5.1	4.54	03b	3	13	19
1868	39.6	+55 13	9.5	10.37	02	16	5	..	"	"	" "	"	4.69	03c	3	"	04
3244	39.7	+ 4 41	8.9	9.02	01	2	1	13	1835	44.4	+54 52	9.3	9.59	02	8	5	..
"	"	" "	"	8.99	01g	2	"	16	2788	44.4	+32 36	8.0	7.84	08	3	19	..
"	"	" "	"	9.10	03	2	"	05	"	"	" "	"	7.64	08b	1	"	..
"	"	" "	"	9.23	03	1	"	*08*	3314	44.6	+ 1 40	9.5	10.61	03	3	9	..
"	"	" "	"	9.00	06	5	"	15	2869	44.7	+35 4	9.2	9.94	99	4	1	08
2773	40.1	+36 34	8.5	8.68	99	4	16	..	"	"	" "	"	10.31	01	2	"	*29*
1145	40.2	+64 47	5.2	5.08	08b	1	1	*08*	"	"	" "	"	10.27	02	1	"	*25*
"	"	" "	"	4.85	08c	1	"	15	*1920*	44.8	+55 58	9.4	10.07	02	8	5	..
1869	40.4	+55 54	9.1	9.44	02	8	5	..	3166	44.9	+19 28	7.8	8.23	01	3	1	02
962	40.8	+67 9	7.9	7.97	99	3	2	08	"	"	" "	"	8.59	01g	1	"	*34*
"	"	" "	"	8.02	09	6	"	03	3185	44.9	+ 2 24	9.3	9.97	03	3	9	..
1871	40.9	+55 45	9.5	10.57	02	16	5	..	3265	45.1	+ 4 54	8.5	8.84	06	5	1	02
3171	41.3	+ 2 30	9.3	9.28	01	1	9	..	3284	45.2	+ 3 35	9.5	9.60	03	3	9	..
"	"	" "	"	9.81	01g	1	"	..	1758	45.4	+59 55	9.2	9.23	09	2	7	..
"	"	" "	"	9.71	03	2	"	..	3587	45.5	+ 0 29	9.4	9.92	03	3	9	..
3266	41.4	+ 5 4	9.0	8.95	06	5	1	06	4428	45.6	−21 29	8.0	8.47	04	4	22	..
3301	41.7	+ 1 23	9.5	10.30	01	1	9	..	"	"	" "	"	9.08	04b	2	"	..
"	"	" "	"	10.18	03	2	"	..	2453	45.9	+45 23	8.4	8.73	08	3	18	..
3268	41.9	+ 3 33	9.4	9.67	01	1	9	..	"	"	" "	"	8.78	08b	3	"	..
"	"	" "	"	9.73	03	2	"	..	3269	46.0	+ 4 34	9.4	10.09	03	3	9	..
3578	42.0	+ 0 37	9.3	9.93	03	4	9	..	2220	46.3	+46 10	5.0	4.79	05c	3	13	07
3256	42.1	+ 4 37	9.5	10.04	03	3	9	..	"	"	" "	"	4.85	05d	3	"	01
4429	42.2	−19 12	9.0	9.86	06	4	4	..	3060	46.3	+15 1	8.9	8.96	01	4	1	*01*
1873	42.3	+55 7	8.3	8.04	02	8	5	..	4400	46.5	−10 8	9.8	11.79	01	1	25	..
4430	42.4	−19 24	9.5	10.60	06	4	4	..	2454	46.6	+45 0	9.0	9.98	08	4	1	*16*
1140	42.7	+64 59	9.4	9.78	01	3	1	*13*	"	"	" "	"	9.87	08b	3	"	*05*
883	42.9	+68 17	7.6	7.41	99	3	2	15	2654	46.6	+43 36	6.5	6.37	08b	4	12	00
"	"	" "	"	7.42	09	6	"	14	"	"	" "	"	6.20	08c	2	"	17
"	"	" "	"	7.54	08	2	19	02	2795	47.0	+32 44	6.8	6.23	08b	5	12	03
"	"	" "	"	7.43	08b	2	"	13	"	"	" "	"	6.45	08c	1	"	*19*
3257	42.9	+ 4 53	9.0	9.06	01	1	1	20	*4455*	47.1	−20 1	8.6	8.92	06	3	1	*19*
"	"	" "	"	9.11	02	3	"	15	2753	47.3	+42 4	6.8	6.31	08b	5	12	*02*
"	"	" "	"	9.46	02g	3	"	*20*	"	"	" "	"	6.47	08c	1	"	*18*
"	"	" "	"	9.23	03	4	"	03	..	47.7	+15 1	..	12.07	01	9	5	..
"	"	" "	"	9.45	03g	4	"	*19*	..	47.8	+14 59	..	11.61	01r	6	5	..
"	"	" "	"	9.30	06	5	"	*04*	..	47.8	+14 55	..	11.66	01	6	5	..
4434	43.1	−19 26	8.7	8.80	06	4	4	..	3593	48.0	+ 0 12	7.0	6.80	08	2	19	*02*
1702	43.4	+56 58	5.0	4.94	05c	3	13	*06*	"	"	" "	"	6.74	08b	2	"	04
"	"	" "	"	4.91	05d	3	"	*03*	..	48.1	+14 56	..	11.25	01	6	5	..
2379	43.4	+46 58	9.0	9.28	04	3	17	..	..	48.2	+15 4	..	11.41	01r	7	5	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3343	16 48.4	+20 1	9.3	10.06	01	1	1	*21*	..	16 53.0	− 2 30	..	11.80	10	4	7	..
3070	48.5	+15 3	8.5	8.16	01	4	1	21	..	53.0	− 2 33	..	11.91	10	4	7	..
3299	48.7	+ 3 35	9.5	10.73	03	3	9	..	4510	53.3	−14 52	8.4	9.23	05	1	11	..
3281	48.8	+ 4 53	9.5	11.02	08	2	17	..	3166	53.4	+25 31	6.3	6.35	08b	5	12	34
"	"	" "	"	11.24	10	2	"	..	"	"	" "	"	6.05	08c	1	"	64
3073	48.9	+15 9	9.5	10.53	01r	14	5	..	4285	53.7	− 2 50	8.5	8.80	10	4	7	..
"	"	" "	"	10.37	02	6	25	..	4512	53.7	−14 34	8.6	9.14	05	1	25	..
"	"	" "	"	10.67	02g	6	"	..	3300	53.8	+ 4 22	9.5	9.89	03	3	9	..
3268	49.0	− 1 27	6.5	6.35	08b	5	12	*14*	3215	54.0	+ 2 31	9.5	10.26	03	3	9	..
"	"	" "	"	6.30	08c	1	"	*09*	3609	54.5	+ 0 16	9.5	10.74	02	2	9	..
4231	49.1	−11 38	6.5	6.67	08b	4	12	*20*	"	"	" "	"	10.78	02g	1	"	..
"	"	" "	"	6.75	08c	1	"	*28*	"	"	" "	"	10.72	03	2	"	..
3075	49.2	+15 15	8.9	8.80	02	6	25	24	2774	54.7	+42 39	6.8	6.38	08b	5	12	00
"	"	" "	"	9.10	02g	6	"	*06*	"	"	" "	"	6.44	08c	1	"	*06*
3092	49.3	+10 20	4.1	4.57	04b	1	13	*28*	3359	55.3	+ 1 46	9.3	9.81	02	3	9	..
"	"	" "	"	4.17	04c	3	"	12	1157	55.4	+65 17	5.3	5.08	05b	2	13	*26*
"	"	" "	"	4.48	04d	2	"	*19*	"	"	" "	"	5.14	05c	3	"	*32*
3283	49.5	+ 4 28	9.5	10.96	03	3	9	..	"	"	" "	"	5.10	05d	1	"	*28*
3057	49.6	+39 47	9.2	9.73	99	3	1	04	4482	55.5	−21 35	9.6	10.96	05	4	25	..
4449	49.6	−21 25	6.5	6.79	04	2	22	04	3332	55.6	+ 6 44	7.0	6.82	08b	5	12	*44*
"	"	" "	"	6.46	04br	3	"	37	"	"	" "	"	6.39	08c	1	"	*01*
3596	49.7	+ 0 32	9.3	9.91	03	3	9	..	4483	55.6	−21 40	9.5	10.77	05	8	24	..
4466	49.8	−19 57	8.7	8.99	06	3	1	*01*	4215	55.8	− 4 4	5.8	4.97	03b	3	13	03
3342	50.1	+ 1 44	9.5	10.47	03	3	9	..	"	"	" "	"	4.93	03c	3	"	07
3597	50.3	+ 0 15	8.6	8.53	08	3	19	..	3090	55.9	+15 19	7.7	8.17	05	3	1	*33*
"	"	" "	"	8.85	08b	1	"	..	"	"	" "	"	8.21	05b	3	"	*37*
4202	50.3	− 5 1	8.5	8.79	10	4	1	06	4216	55.9	− 4 56	9.0	10.12	10	4	1	*17*
2400	50.6	+47 34	6.3	6.26	08b	4	12	04	4381	56.0	−18 44	6.5	6.54	08b	5	12	*17*
"	"	" "	"	5.97	08c	2	"	33	"	"	" "	"	6.69	08c	1	"	*32*
4409	50.6	−15 12	8.2	8.82	03	1	25	18	2945	56.1	+31 0	9.2	9.80	06	4	4	..
3201	50.7	+ 2 23	9.3	10.37	03	3	9	..	498	56.2	+82 12	4.0	4.44	05c	3	13	*04*
3156	50.9	+25 54	6.3	6.16	08b	3	12	17	"	"	" "	"	4.49	05d	3	"	*09*
"	"	" "	"	6.40	08c	1	"	*07*	2946	56.3	+31 5	9.0	9.36	06	4	4	..
3143	50.9	+14 49	9.0	9.21	01	5	1	*07*	2947	56.5	+31 4	3.5	4.11	04c	1	13	*19*
..	51.2	− 2 35	..	11.84	10	4	7	..	"	"	" "	"	4.26	04d	1	"	*34*
4279	51.3	− 2 35	9.5	10.70	10	4	7	..	"	"	" "	"	3.86	05c	2	"	06
4280	51.6	− 2 17	8.8	9.00	10	4	7	..	"	"	" "	"	4.02	05d	2	"	*10*
..	51.6	− 2 34	..	11.57	10	4	7	..	2949	56.5	+31 15	9.2	9.90	06	4	4	..
4416	51.8	−15 7	10	11.84	03	1	25	..	3366	56.6	+ 1 48	9.3	9.42	02	3	9	..
4281	52.0	− 2 52	8.4	8.43	10	4	7	..	..	56.9	+31 26	..	12.21	06	4	4	..
2237	52.1	+46 26	8.0	8.11	08	2	19	..	..	57.0	+31 31	..	11.38	06	4	4	..
"	"	" "	"	8.02	08b	2	"	..	..	57.0	+31 15	..	12.63	06	4	4	..
4282	52.3	− 2 46	9.1	9.13	10	4	7	..	3617	57.0	+ 0 43	9.3	9.59	02	3	9	..
3195	52.6	+19 50	9.2	9.89	01	1	1	*14*	..	57.1	+31 25	..	12.83	06	4	4	..
3153	52.8	+14 54	8.7	8.73	01	5	1	11	2738	57.1	+27 21	6.5	6.50	08b	5	12	*13*
3312	52.8	+ 3 30	9.3	9.21	03	3	9	..	"	"	" "	"	6.51	08c	1	"	*14*
3298	52.9	+ 9 32	3.0	3.28	04c	2	13	14	3211	57.1	+19 55	8.8	9.05	01	1	1	30
"	"	" "	"	3.41	04d	1	"	01	3096	57.1	+15 13	8.7	8.80	05	6	11	..
..	52.9	− 2 39	..	11.87	10	5	7	..	*4498*	57.5	−20 0	8.2	8.25	06	3	1	03
4481	52.9	−19 58	9.1	9.48	06	3	1	*20*	2950	57.6	+31 37	9.0	9.68	06	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
4500	16 57.6	−19 56	8.4	8.51	06	3	1	37	3630	17 0.5	+ 0 48	9.1	9.46	07	1	8	*42*
2951	57.7	+31 23	8.6	8.74	06	4	4	..	4448	0.5	−15 16	9.2	10.42	05	6	11	..
3316	57.9	+ 4 28	9.5	11.11	02	3	9	..	“	“	“ “	“	10.34	06	6	“	..
3233	57.9	+ 2 20	9.5	10.45	02	3	9	..	3341	0.6	+ 3 24	9.5	10.17	02	3	9	..
4430	57.9	−10 16	9.5	10.74	99	1	25	..	..	0.6	−15 10	..	11.85	05	6	11	..
3317	58.0	+ 4 54	8.7	8.86	02	3	1	25	3187	0.7	+14 46	9.5	10.39	05r	5	11	..
“	“	“ “	“	9.28	02g	3	“	*17*	“	“	“ “	“	11.03	06	6	“	..
“	“	“ “	“	8.94	03	2	“	17	3142	0.7	+12 53	4.5	4.69	04b	2	13	22
“	“	“ “	“	9.06	03g	2	“	05	“	“	“ “	“	4.82	04c	2	“	09
906	58.2	+68 51	8.3	8.54	08	2	19	..	2933	0.8	+29 48	8.0	8.12	06	5	1	14
“	“	“ “	“	8.00	08b	2	“	..	3106	0.8	+15 0	9.0	9.17	05r	3	1	27
3100	58.2	+15 26	9.3	9.46	05	6	11	..	“	“	“ “	“	9.44	05b	2	“	00
3178	58.3	+14 50	8.0	7.70	05	3	1	79	“	“	“ “	“	9.23	06	3	“	21
“	“	“ “	“	7.64	05b	3	“	85	“	“	“ “	“	9.46	06b	3	“	*02*
“	“	“ “	“	7.87	06	3	“	62	*4545*	0.8	−15 3	9.5	10.87	05	6	11	..
“	“	“ “	“	8.26	06b	3	“	23	“	“	“ “	“	10.84	06	6	“	..
3332	58.3	+ 3 36	9.4	9.88	02	3	9	..	..	0.8	−15 6	..	12.13	05	6	11	..
4531	58.5	−14 47	8.6	9.30	05	6	11	..	3107	0.9	+15 22	9.3	9.97	05r	5	11	..
2925	58.8	+29 58	8.4	8.72	06	5	1	24	3330	1.2	+ 4 29	9.5	10.09	02	3	9	..
“	“	“ “	“	8.83	08	3	18	13	3379	1.2	+ 1 15	9.5	10.48	02	3	9	..
“	“	“ “	“	9.02	08b	3	“	*06*	3246	1.4	+ 2 21	9.5	10.23	02	3	9	..
3102	59.0	+15 22	8.8	9.36	05	6	11	..	3633	1.5	+ 0 47	8.3	8.28	07	3	8	06
4535	59.0	−14 26	8.3	9.08	05	6	11	..	3108	1.7	+15 22	7.0	7.28	05	3	1	06
4444	59.3	−15 12	9.0	9.89	05	5	1	*04*	“	“	“ “	“	7.01	05b	3	“	33
“	“	“ “	“	9.78	05b	1	“	07	3637	2.3	+ 0 55	9.3	9.54	07	3	8	00
“	“	“ “	“	9.82	06	6	“	03	3638	2.4	+ 0 37	9.5	10.50	02	3	9	..
4537	59.4	−14 33	9.3	10.76	05	6	11	..	3330	2.8	+ 5 50	9.3	9.87	05	5	22	..
4538	59.4	−14 35	8.2	8.84	05	6	11	..	“	“	“ “	“	10.06	05b	1	“	..
4445	59.4	−15 8	8.7	8.81	05	7	1	25	..	3.0	+ 0 54	..	12.70	07	2	8	..
“	“	“ “	“	9.08	05b	5	“	*02*	..	3.0	+ 0 48	..	12.08	07	2	8	..
“	“	“ “	“	8.62	06	3	“	44	3116	3.1	+15 21	7.8	8.00	05	4	1	*01*
..	59.5	−15 7	..	11.56	05	6	11	..	“	“	“ “	“	7.93	05b	2	“	06
2420	59.8	+47 11	6.6	6.92	08	2	“	*18*	“	“	“ “	“	8.19	06	3	“	*20*
“	“	“ “	“	6.54	08b	2	“	20	“	“	“ “	“	7.97	06b	3	“	02
2911	59.9	+35 33	6.5	6.21	08b	5	12	54	4408	3.1	− 5 10	8.8	9.70	10	4	1	*05*
“	“	“ “	“	6.54	08c	1	“	21	4523	3.1	−21 37	9.7	10.56	99	4	22	..
3104	59.9	+15 30	9.2	9.74	05	6	11	..	“	“	“ “	“	10.82	01	4	“	..
..	59.9	+15 3	..	12.98	05	6	11	..	“	“	“ “	“	10.74	01g	4	“	..
3183	17 0.0	+14 55	9.5	9.64	05r	10	11	..	“	“	“ “	“	10.93	02	3	“	..
“	“	“ “	“	10.12	05b	2	“	..	“	“	“ “	“	11.00	02g	1	“	..
“	“	“ “	“	10.06	06	6	“	..	3201	3.2	+25 2	8.8	8.91	06	4	1	05
..	0.1	+15 3	..	11.53	05	6	11	..	..	3.4	+ 0 52	..	12.58	07	2	8	..
..	0.1	+14 47	..	11.76	05	6	11	..	4409	3.5	− 5 4	8.0	8.24	10	4	1	01
..	0.1	−15 9	..	12.99	05	6	11	..	4063	3.6	− 3 45	6.7	6.44	08b	5	12	01
..	0.3	+14 56	..	12.86	05	5	11	..	“	“	“ “	“	6.49	08c	1	“	*04*
..	0.4	+14 58	..	12.88	05	6	11	..	4460	3.6	−15 12	8.0	8.58	05	3	1	*23*
4543	0.4	−14 36	9.8	11.55	05	6	11	..	“	“	“ “	“	8.27	05b	3	“	08
4544	0.4	−14 46	9.8	11.34	05	6	11	..	3642	3.7	+ 0 47	9.5	10.14	07	2	8	..
..	0.4	−15 1	..	12.46	05	6	11	..	4462	3.7	−15 4	8.8	9.86	05	3	1	*10*
3186	0.5	+14 48	9.1	9.54	06	1	11	..	“	“	“ “	“	9.76	05b	3	“	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	17 3.7	−15 4	8.8	10.01	06	6	1	*25*
..	3.8	+ 0 55	..	10.72	07	2	8	..
..	3.9	+ 0 55	..	11.92	07	2	8	..
3340	4.1	+ 4 45	8.5	8.40	02	4	1	15
"	"	" "	"	8.66	02g	4	"	*11*
"	"	" "	"	8.80	03	1	"	*25*
"	"	" "	"	8.32	03g	1	"	23
..	4.1	+ 0 57	..	11.52	07	2	8	..
..	4.2	+ 0 57	..	10.88	07	2	8	..
..	4.4	+ 0 53	..	11.76	07	2	8	..
3644	4.6	+ 0 5	8.5	8.48	02	4	1	00
"	"	" "	"	8.43	02g	4	"	05
4467	4.6	−15 36	2	2.64	03c	3	13	*01*
"	"	" "	"	2.61	03d	3	"	02
3358	4.7	+ 3 46	9.3	10.07	02	3	9	..
3648	4.8	+ 0 20	9.2	9.75	02	3	9	..
3344	4.9	+ 4 31	9.3	9.77	02	3	9	..
..	5.0	+ 0 58	..	11.80	07	2	8	..
..	5.1	+ 0 57	..	12.12	07	2	8	..
4535	5.1	−21 49	9.5	10.61	99	4	22	..
"	"	" "	"	10.65	01	4	"	..
"	"	" "	"	10.68	01g	4	"	..
"	"	" "	"	10.88	02	2	"	..
"	"	" "	"	10.68	02g	2	"	..
4539	5.3	−21 15	8.7	8.83	01	6	22	*07*
"	"	" "	"	8.87	01g	6	"	*11*
2767	5.4	+27 1	9.2	10.02	06	4	4	..
3395	5.4	+ 1 40	9.5	10.19	02	3	9	..
4509	5.4	− 9 53	9.5	10.11	99	1	25	..
4473	5.4	−15 6	8.6	9.11	05	3	1	*20*
"	"	" "	"	8.99	05b	3	"	*08*
4540	5.4	−21 46	8.5	8.68	01	6	22	12
"	"	" "	"	8.68	01g	6	"	12
2768	5.5	+27 21	9.2	10.06	06	4	4	..
2769	5.6	+27 21	9.2	9.45	06	4	4	..
3257	5.6	+ 2 46	9.5	10.72	02	3	9	..
4448	5.7	−10 18	9.6	10.44	99	1	25	..
2435	6.0	+47 46	7.9	8.58	08	2	19	..
"	"	" "	"	8.39	08b	2	"	..
..	6.0	+27 16	..	11.64	06	4	4	..
4512	6.0	− 9 49	8.2	8.28	99	1	25	..
3161	6.1	+12 35	7.0	6.65	08b	5	12	*19*
"	"	" "	"	6.34	08c	1	"	12
..	6.4	+27 18	..	10.69	06	4	4	..
..	6.9	−21 21	..	11.12	99	2	22	..
2774	7.0	+27 18	9.1	9.11	06	4	4	..
4545	7.0	−21 24	9.2	9.84	99	4	22	*27*
"	"	" "	"	9.56	01	7	"	01
"	"	" "	"	9.86	01g	6	"	*29*
2965	7.3	+26 54	9.4	10.76	06	4	4	..
	h. m.	° ′						
..	17 7.4	+27 6	..	12.15	06	4	4	..
2775	7.4	+27 4	9.5	11.25	06	4	4	..
3143	7.5	+24 50	9.2	9.61	06	4	1	*15*
..	7.6	+26 58	..	11.90	06	4	4	..
2777	7.9	+27 18	9.0	8.96	06	4	4	..
4247	8.0	− 5 1	8.4	8.90	10	4	1	15
3145	8.1	+24 51	8.9	9.08	06	4	1	03
3656	8.2	+ 0 49	8.5	8.95	07	2	8	*06*
1170	8.5	+65 50	3.0	3.18	05c	3	13	04
"	"	" "	"	3.07	05d	3	"	15
2946	8.8	+30 3	8.3	8.42	06	5	1	*19*
3356	8.9	+ 4 33	9.5	9.84	02	3	9	..
4552	9.0	−21 56	9.3	10.56	99	4	22	..
"	"	" "	"	10.76	01	5	"	..
"	"	" "	"	10.73	01g	4	"	..
"	"	" "	"	10.77	02	3	"	..
"	"	" "	"	10.77	02g	1	"	..
3272	9.1	+ 2 23	9.4	11.78	02	3	9	..
4554	9.1	−21 48	8.7	8.88	99	3	22	10
"	"	" "	"	8.81	01	4	"	17
"	"	" "	"	9.00	01g	5	"	*02*
"	"	" "	"	9.04	02	2	"	*06*
"	"	" "	"	9.40	02g	2	"	*42*
3660	9.4	+ 0 32	9.5	10.22	02	4	9	..
3368	9.5	+ 3 25	9.5	10.79	02	3	9	..
3402	9.8	+ 1 35	9.5	10.06	02	3	9	..
4560	10.4	−21 38	9.4	10.09	99	4	22	..
"	"	" "	"	10.23	01	5	"	..
"	"	" "	"	10.22	01g	4	"	..
"	"	" "	"	10.46	02	2	"	..
"	"	" "	"	10.65	02g	2	"	..
3141	10.8	+15 2	8.1	8.28	08	3	18	01
"	"	" "	"	8.32	08b	3	"	*03*
3221	10.9	+24 57	3.0	3.06	04c	3	13	10
"	"	" "	"	2.84	04d	3	"	32
"	"	" "	"	3.39	05c	1	"	*23*
"	"	" "	"	2.64	05d	1	"	52
3224	11.5	+25 3	9.2	9.29	06	4	1	..
3255	11.5	− 0 20	4.3	4.77	03b	3	13	05
"	"	" "	"	4.82	03c	3	"	00
"	"	" "	"	4.96	03d	1	"	*14*
2844	11.6	+36 55	3.0	3.25	04c	3	13	11
"	"	" "	"	3.15	04d	3	"	21
"	"	" "	"	3.33	05c	1	"	03
"	"	" "	"	3.32	05d	1	"	04
3070	11.6	+23 52	7.0	5.99	08b	4	12	11
"	"	" "	"	6.20	08c	2	"	*10*
2874	11.7	+32 12	8.0	8.65	08	2	19	..
"	"	" "	"	8.46	08b	2	"	..
3409	11.8	+ 1 47	9.0	9.44	02	8	R	*18*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	17 11.8	+ 1 47	9.0	9.79	02g	8	R	*53*	..	17 14.6	+ 1 36	..	13.44	05	5	3	..
3664	12.2	+ 0 10	9.1	9.72	00	1	25	..	3296	14.8	+ 2 14	7.0	6.37	05	2	1	54
3665	12.3	+ 0 7	9.5	11.18	00	1	25	..	"	"	" "	"	6.53	05b	3	"	38
4564	12.4	−21 20	9.3	9.78	99	4	22	..	"	"	" "	"	6.90	08	2	19	01
"	"	" "	"	9.82	01	2	"	..	"	"	" "	"	6.72	08b	2	"	19
"	"	" "	"	9.86	01g	2	"	..	1006	15.0	+66 46	8.4	8.35	08	2	19	..
"	"	" "	"	10.35	02	4	"	..	"	"	" "	"	8.50	08b	2	"	..
"	"	" "	"	10.43	02g	4	"	..	*4731*	15.0	−21 1	5.0	4.51	03b	3	13	*05*
3667	12.6	+ 0 25	9.5	10.42	02	3	9	..	"	"	" "	"	4.45	03c	3	"	01
4512	12.7	−15 5	8.5	8.56	08	3	18	05	*2871*	15.1	+32 58	7.8	7.24	04	3	17	..
"	"	" "	"	8.71	08b	3	"	*10*	"	"	" "	"	6.96	04b	3	"	..
4567	12.7	−21 29	8.8	9.95	08	3	18	..	"	"	" "	"	7.64	06	2	"	..
"	"	" "	"	10.04	08b	3	"	..	"	"	" "	"	7.42	06b	2	"	..
3412	13.1	+ 1 20	9.3	10.25	02	3	9	..	3420	15.1	+ 1 40	9.5	10.98	05	12	3	..
"	"	" "	"	10.32	05	6	3	..	4722	15.2	−12 45	4.5	4.28	03b	3	13	07
2513	13.3	+44 58	8.8	9.57	05	5	1	20	"	"	" "	"	4.23	03c	3	"	12
"	"	" "	"	9.83	05b	3	"	*06*	"	"	" "	"	4.57	03d	1	"	*22*
2681	13.3	+44 51	8.0	8.59	05	4	1	*17*	997	15.3	+67 30	7.3	7.12	08	1	1	40
"	"	" "	"	8.56	05b	4	"	*14*	"	"	" "	"	7.33	08b	1	"	19
4514	13.3	−15 6	7.5	8.15	08	1	18	*39*	3164	15.6	+24 55	9.0	9.16	06	4	1	*10*
3074	13.4	+23 13	6.5	6.00	06	1	4	53	13292	15.9	−24 54	3.6	3.50	03c	3	13	*13*
"	"	" "	"	6.35	08b	4	12	18	"	"	" "	"	3.59	03d	3	"	*22*
"	"	" "	"	6.52	08c	2	"	01	4742	16.0	−20 28	7.3	7.12	04	3	22	00
3388	13.4	+ 4 57	8.1	8.47	02	5	1	*06*	"	"	" "	"	7.12	04b	3	"	00
"	"	" "	"	8.65	02g	5	"	*24*	3398	16.1	+ 4 44	7.5	7.45	05	3	1	*10*
3415	13.7	+ 1 6	8.5	8.51	05	5	3	13	"	"	" "	"	7.56	05b	3	"	*21*
3386	14.0	+ 6 11	7.0	6.63	08b	3	12	*19*	3421	16.1	+ 1 32	7.2	6.94	05	3	3	02
"	"	" "	"	6.42	08c	3	"	02	"	"	" "	"	7.02	05b	3	"	*06*
3293	14.0	+ 2 36	9.5	10.91	02	4	9	..	"	"	" "	"	7.02	08	2	19	*06*
4577	14.0	−21 25	8.7	9.38	99	2	22	*04*	"	"	" "	"	6.96	08b	2	"	00
"	"	" "	"	9.13	01	4	"	21	3422	16.2	+ 1 40	7.8	8.16	05	6	3	..
"	"	" "	"	9.32	01g	4	"	02	3086	16.7	+23 16	9.5	10.37	06	4	4	..
"	"	" "	"	9.72	02	2	"	*38*	2693	17.1	+44 57	9.5	9.97	05	6	11	..
"	"	" "	"	9.89	02g	2	"	*55*	3163	17.1	+16 50	6.5	6.29	08b	4	12	30
3392	14.1	+ 4 18	9.5	10.24	02	3	9	..	"	"	" "	"	6.59	08c	2	"	00
3380	14.1	+ 3 45	9.5	10.03	02	3	9	..	3676	17.1	+ 0 31	9.5	10.69	02	3	9	..
4602	14.1	−19 52	7.9	8.33	08	3	1	*32*	4750	17.1	−20 7	8.1	7.94	04	3	22	04
"	"	" "	"	8.39	08b	3	"	*38*	"	"	" "	"	7.95	04b	3	"	03
2864	14.2	+37 24	4.5	4.46	04c	2	13	34	..	17.2	+23 5	..	12.02	06	4	4	..
"	"	" "	"	4.73	04d	2	"	07	3404	17.2	+ 4 5	9.3	9.86	02	4	9	..
"	"	" "	"	4.54	05c	1	"	26	..	17.3	+22 58	..	12.25	06	4	4	..
"	"	" "	"	4.75	05d	1	"	05	3423	17.3	+ 1 31	8.5	9.09	05	6	3	..
3078	14.2	+23 32	8.0	7.65	06	4	4	..	2522	17.4	+45 11	9.5	10.34	05	6	11	..
3416	14.2	+ 1 54	9.5	10.72	05	5	3	..	"	"	" "	"	10.48	06	3	"	..
..	14.2	+ 1 41	..	12.10	05	5	3	..	"	"	" "	"	10.74	06b	3	"	..
..	14.2	+ 1 39	..	11.79	05	5	3	..	2523	17.4	+45 5	9.1	9.53	05	4	1	29
..	14.3	+ 1 42	..	12.23	05	5	3	..	"	"	" "	"	9.81	05b	3	"	01
4580	14.4	−21 29	9.3	9.78	99	2	25	..	"	"	" "	"	9.71	06	3	"	11
3295	14.6	+ 2 40	8.6	9.27	08	1	19	..	"	"	" "	"	9.87	06b	3	"	*05*
"	"	" "	"	9.26	08b	1	"	..	..	17.4	+23 13	..	11.24	06	4	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
. .	17 17.4	+23 1	. .	12.86	06	4	4	. .
3303	17.4	+ 2 1	9.5	10.99	02	3	9	. .
3091	17.6	+23 47	7.7	7.40	06	4	4	. .
4343	17.6	− 2 18	6.3	6.41	08b	3	12	*11*
"	"	" "	"	6.54	08c	3	"	*24*
4594	17.6	−21 37	8.2	8.22	99	4	22	*05*
"	"	" "	"	7.64	01	6	"	53
"	"	" "	"	7.74	01g	6	"	43
2728	17.7	+28 51	6.5	6.33	08b	3	12	00
"	"	" "	"	6.52	08c	3	"	*19*
2697	17.9	+44 33	9.1	9.55	05	6	11	. .
3092	17.9	+23 15	8.3	8.18	06	4	4	. .
3426	17.9	+ 1 7	9.5	11.51	02	3	9	. .
3678	18.0	+ 0 56	7.3	7.83	05	3	1	01
"	"	" "	"	7.81	05b	3	"	03
"	"	" "	"	8.01	07	3	8	*17*
. .	18.1	+22 56	. .	10.80	06	4	4	. .
2524	18.2	+45 4	8.0	8.22	05	9	1	*20*
"	"	" "	"	7.82	05b	6	"	20
"	"	" "	"	8.30	06	3	"	*28*
"	"	" "	"	7.91	06b	3	"	11
3128	18.2	+22 53	9.3	9.61	06	4	4	. .
3395	18.3	+ 3 1	9.3	10.79	02	3	9	. .
3094	18.4	+22 58	9.1	9.06	06	4	4	. .
. .	18.5	+45 4	. .	12.04	05	7	11	. .
3427	18.5	+ 1 35	8.3	8.98	05	6	3	. .
3428	18.6	+ 1 54	9.5	10.77	08	4	20	. .
3130	18.7	+22 15	8.8	8.74	06	4	4	. .
. .	18.8	+45 2	. .	10.71	05	7	11	. .
4516	18.8	−18 22	6.3	6.74	08b	4	12	*45*
"	"	" "	"	6.48	08c	2	"	*19*
. .	19.0	+44 58	. .	12.38	05r	6	11	. .
13325	19.0	−24 10	7.1	6.70	08b	4	12	*44*
"	"	" "	"	6.90	08c	2	"	*64*
. .	19.3	+45 0	. .	11.20	05	7	11	. .
. .	19.4	+44 57	. .	11.22	05	1	11	. .
. .	19.5	+45 5	. .	11.22	05	7	11	. .
3308	19.9	+ 2 35	9.3	10.28	08	4	20	. .
3468	20.0	+20 0	9.2	9.57	06	4	1	*17*
2878	20.2 20.2	+37 14 +37 14	4.0	4.15	04c	3	13	*01*
"	"	" "	"	4.15	04d	3	"	*01*
13337	20.3	−24 5	4.5	4.67	03b	3	13	*39*
"	"	" "	"	4.46	03c	3	"	*18*
3309	20.4	+ 2 40	8.6	9.04	08	4	20	. .
4605	20.4	−21 18	9.0	9.89	99	4	22	31
"	"	" "	"	10.02	01	6	"	18
"	"	" "	"	10.12	01g	6	"	08
2701	20.5	+44 43	9.4	9.92	05	6	11	. .
3404	20.5	+ 3 24	7.5	7.69	05	3	1	*33*
	h. m.	° ′						
A	17 20.5	+ 3 24	7.5	7.52	05b	3	1	*16*
3329	20.7	− 1 32	6.7	6.49	08b	4	12	*18*
"	"	" "	"	6.28	08c	2	"	03
3418	20.8	+ 4 12	9.5	10.32	02	3	9	. .
3312	20.8	+ 2 14	8.0	7.52	06	2	19	. .
"	"	" "	"	7.95	06b	2	"	. .
"	"	" "	"	7.82	08	4	20	. .
3433	20.8	+ 1 55	9.4	10.25	08	4	20	. .
3471	20.9	+20 0	8.3	8.48	06	4	1	12
2882	21.0	+37 2	6.8	6.06	08b	3	12	42
"	"	" "	"	6.14	08c	3	"	34
3474	21.0	+20 6	8.8	9.19	06	4	1	21
3281	21.1	− 0 5	9.1	9.65	08	4	1	*32*
"	"	" "	"	9.58	09	6	"	*25*
3314	21.2	+ 2 10	8.5	8.78	08	4	20	. .
3241	21.4	+17 0	6.2	6.11	08b	5	12	18
"	"	" "	"	6.18	08c	1	"	11
3315	21.4	+ 2 55	9.5	11.28	02	3	9	. .
3688	21.4	+ 0 45	9.5	10.37	02	3	9	. .
3689	21.4	− 0 2	9.3	9.63	02	6	1	45
"	"	" "	"	9.84	02gr	5	"	24
"	"	" "	"	9.86	08	4	"	22
3690	21.5	+ 0 55	7.2	7.02	07	2	8	*03*
2703	21.6	+44 23	8.5	8.43	05	6	11	. .
3422	21.6	+ 4 14	4.0	4.66	02i	3	1	*22*
"	"	" "	"	4.26	04b	1	13	18
"	"	" "	"	4.38	04c	2	"	06
"	"	" "	"	4.54	04d	1	"	*10*
3285	21.6	− 0 6	8.1	8.53	08	4	1	*05*
"	"	" "	"	8.46	09	6	"	02
2531	21.8	+45 25	8.0	8.30	05	6	11	. .
3318	21.9	+ 2 25	9.0	9.23	08	4	20	. .
2809	22.0	+26 57	6.5	6.40	08b	3	12	*04*
"	"	" "	"	6.24	08c	3	"	12
3286	22.0	− 0 12	9.1	8.88	08	4	1	30
"	"	" "	"	8.92	09	6	"	26
3409	22.1	+ 3 38	9.5	9.81	02	3	9	. .
3287	22.1	− 0 10	9.2	9.84	08	4	1	*16*
"	"	" "	"	9.78	09	6	"	*10*
2707	22.4	+44 49	9.4	9.81	05r	5	11	. .
"	"	" "	"	10.04	06	3	"	. .
"	"	" "	"	10.47	06	3	"	. .
3435	22.4	+ 1 41	9.5	10.58	02	4	9	. .
4444	22.6	− 8 7	6.2	6.46	08b	3	12	*15*
"	"	" "	"	6.44	08c	3	"	*13*
3321	23.1	+ 1 59	9.0	9.56	08	4	20	. .
3483	23.3	+20 7	9.0	9.60	06	4	1	*05*
3016	23.4	+29 54	8.7	8.70	06	5	1	*04*
2535	23.6	+45 5	8.7	9.33	05	4	1	14
"	"	" "	"	9.64	05b	3	"	*17*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	17 23.6	+45 5	8.7	9.30	06	3	1	17	4648	17 28.3	−21 46	9.1	9.68	99	4	22	26
“	“	“ “	“	9.54	06b	3	“	*07*	“	“	“ “	“	9.76	01	6	“	18
2923	23.9	+32 53	8.0	8.30	08	2	19	..	“	“	“ “	“	9.76	01g	6	“	18
“	“	“ “	“	8.10	08b	2	“	..	3014	28.4	+30 2	9.4	9.56	99	1	25	..
3488	24.1	+20 3	8.7	8.81	06	3	1	*11*	..	28.4	+ 9 27	..	12.08	07r	2	4	..
3700	24.2	+ 0 1	9.0	9.23	02	5	1	10	..	28.4	+ 9 26	..	11.53	07r	4	4	..
“	“	“ “	“	9.25	02g	5	“	08	3416	28.4	+ 9 19	9.3	9.60	07r	4	4	..
“	“	“ “	“	9.27	09	6	“	06	1823	28.7	+59 46	8.2	7.86	08	3	18	..
3430	24.3	+ 6 14	8.0	8.31	08	2	19	..	“	“	“ “	“	8.07	08b	3	“	..
“	“	“ “	“	8.23	08b	2	“	..	3399	28.7	+ 7 23	9.0	9.14	06	2	17	..
3025	24.5	+29 56	8.8	8.56	06	5	1	*15*	“	“	“ “	“	8.97	06b	2	“	..
4547	24.7	−19 2	8.0	8.68	04	3	22	..	“	“	“ “	“	8.83	07	4	7	..
“	“	“ “	“	8.70	04b	3	“	..	3400	28.7	+ 7 15	8.1	7.96	07	4	7	..
4645	24.7	−19 28	8.0	8.94	04	3	22	..	..	28.8	− 1 19	..	11.78	09	4	7	..
“	“	“ “	“	9.05	04b	3	“	..	3015	28.9	+30 1	9.2	9.80	99	1	25	..
3434	24.8	+ 4 28	9.5	10.73	02	3	9	..	3418	29.0	+ 9 21	8.5	8.43	07r	4	4	..
3331	25.0	+ 2 52	9.3	10.08	02	3	9	..	3446	29.0	+ 4 45	9.5	10.37	02	3	9	..
3220	25.2	+10 13	9.0	9.62	07r	5	1	00	1774	29.1	+57 57	6.7	6.18	08b	3	12	32
1014	25.3	+67 24	6.5	6.42	08	1	19	*11*	“	“	“ “	“	6.42	08c	3	“	08
“	“	“ “	“	6.18	08b	2	R	13	3354	29.1	+19 20	5.0	5.71	08b	3	12	*12*
“	“	“ “	“	6.44	08c	1	12	*13*	“	“	“ “	“	5.63	08c	3	“	*04*
13412	25.3	−23 53	5.2	4.92	03b	3	13	*03*	..	29.3	+ 7 14	..	12.12	07	4	7	..
“	“	“ “	“	5.08	03c	3	“	*19*	3719	29.3	+ 0 36	9.5	9.77	02	3	9	..
3445	25.4	+ 1 54	9.4	10.48	02	3	9	..	4659	29.3	−21 58	6.5	6.84	08b	6	12	*27*
3427	26.0	+ 3 51	9.5	11.14	02	3	9	..	“	“	“ “	“	6.55	08c	2	“	02
3704	26.1	+ 0 54	9.5	10.79	02	3	9	..	..	29.5	+ 7 18	..	11.62	07	4	7	..
3450	26.5	+ 1 45	7.2	7.26	08	2	19	*08*	3354	29.5	+ 2 53	9.3	10.43	02	3	9	..
“	“	“ “	“	7.41	08b	2	“	*23*	3448	29.7	+ 3 53	9.5	9.89	02	4	9	..
3034	26.7	+26 11	5.0	4.39	04b	2	13	09	3461	29.7	+ 1 34	9.5	10.78	02	3	9	..
“	“	“ “	“	4.67	04c	3	“	*19*	3455	29.9	+ 6 4	8.5	8.76	06	2	19	..
“	“	“ “	“	4.73	04d	1	“	*25*	“	“	“ “	“	8.71	06b	2	“	..
4641	27.2	−21 41	9.0	9.46	99	4	22	*06*	“	“	“ “	“	8.88	08	2	“	..
“	“	“ “	“	9.24	01	6	“	16	“	“	“ “	“	8.76	08b	2	“	..
“	“	“ “	“	9.44	01g	6	“	*04*	1944	30.2	+55 15	5.2	4.93	05b	1	13	05
3411	27.4	+ 9 45	9.4	10.26	07r	4	4	..	“	“	“ “	“	5.21	05c	3	“	*23*
3343	27.4	+ 2 9	8.0	8.08	08	2	19	..	“	“	“ “	“	5.05	05d	2	“	*07*
“	“	“ “	“	8.20	08b	2	“	..	1945	30.3	+55 14	5.2	4.85	05b	1	13	10
..	27.9	+ 9 33	..	10.93	07r	4	4	..	“	“	“ “	“	4.98	05c	3	“	*03*
..	27.9	+ 9 30	..	11.68	07r	4	4	..	“	“	“ “	“	5.11	05d	2	“	*16*
..	27.9	+ 9 25	..	12.30	07r	4	4	..	3252	30.3	+12 38	2.0	2.39	04c	1	13	*25*
..	27.9	− 1 4	..	12.78	09	4	7	..	“	“	“ “	“	1.97	04d	1	“	17
1821	28.0	+59 56	9.0	9.02	08	3	1	19	3405	30.3	+ 7 20	9.3	9.92	07	4	7	..
“	“	“ “	“	9.29	08b	3	“	*08*	1669	30.6	+61 46	8.0	7.53	08	2	19	..
3412	28.0	+ 9 11	9.0	9.69	07r	4	4	..	“	“	“ “	“	7.46	08b	2	“	..
..	28.1	− 1 1	..	12.55	09	4	7	..	3428	30.6	+ 5 5	8.2	8.20	07	6	1	06
2065	28.2	+52 23	3.0	2.84	05c	3	13	15	“	“	“ “	“	8.26	08	2	“	00
“	“	“ “	“	2.78	05d	3	“	21	“	“	“ “	“	8.28	08b	2	“	*02*
3415	28.2	+ 9 17	8.8	8.52	07r	4	4	..	3456	31.2	+ 4 55	8.6	8.88	02	5	1	*03*
..	28.2	− 1 1	..	11.36	09	4	7	..	“	“	“ “	“	8.86	02g	4	“	*01*
3238	28.3	+10 0	8.9	9.10	07r	5	1	*43*	“	“	“ “	“	8.90	07	6	“	*05*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4586	17 31.2	−18 56	7.0	7.42	04	3	22	*08*
“	“	“ “	“	7.40	04b	3	“	*06*
3249	31.6	+10 3	9.0	9.21	07r	5	1	01
1780	31.9	+57 38	6.3	6.15	08b	3	12	02
“	“	“ “	“	6.11	08c	3	“	06
4621	31.9	−15 20	3.8	3.53	03c	3	13	11
“	“	“ “	“	3.75	03d	3	“	*11*
“	“	“ “	“	3.55	04c	1	“	09
“	“	“ “	“	3.65	04d	1	“	*01*
..	32.0	+ 0 57	..	12.32	07	3	8	..
2908	32.2	+37 22	6.5	6.13	08b	3	12	02
“	“	“ “	“	6.18	08c	3	“	*03*
2787	32.2	+28 14	6.3	6.38	08b	3	12	10
“	“	“ “	“	6.48	08c	3	“	00
3251	32.2	+10 6	8.2	7.97	07r	5	1	*10*
3471	32.4	+ 1 0	9.5	11.02	07r	2	8	..
3731	32.4	+ 0 48	9.3	9.79	07	3	8	..
4472	32.4	− 8 3	4.8	4.52	03b	2	13	13
“	“	“ “	“	4.63	03c	3	“	02
“	“	“ “	“	4.71	03d	1	“	*06*
..	32.6	+ 0 55	..	12.35	07	2	8	..
3739	33.2	+ 0 54	9.2	9.58	07	2	8	..
3465	33.3	+ 4 38	9.5	9.74	02	3	9	..
..	33.7	+ 0 58	..	11.30	07	2	8	..
3741	33.8	+ 0 54	9.5	10.09	02	3	9	..
“	“	“ “	“	10.25	07	2	8	..
3476	33.9	+ 1 52	9.4	10.21	02	3	9	..
3464	34.0	+ 3 29	9.3	9.34	02	3	9	..
3371	34.0	+ 2 50	9.5	10.69	02	3	9	..
..	34.2	+ 1 36	..	11.84	09	4	7	..
..	34.2	+ 1 32	..	11.28	09	4	7	..
3421	34.4	+13 23	6.5	6.18	08b	3	12	11
“	“	“ “	“	6.17	08c	3	“	12
..	34.6	+ 1 31	..	11.51	09	4	7	..
3747	34.6	+ 0 52	9.3	10.37	07	2	8	..
..	34.7	+ 1 32	..	11.96	09	5	7	..
..	34.7	+ 0 56	..	11.34	07	2	8	..
940	34.9	+68 11	7.9	7.76	08	2	19	..
“	“	“ “	“	7.84	08b	2	“	..
3748	34.9	+ 0 49	8.7	8.93	07	2	8	*04*
3481	35.0	+ 1 47	9.2	9.88	09	4	7	..
3483	35.1	+ 1 42	9.5	10.46	09	4	7	..
2964	35.2	+32 47	7.0	6.65	08b	3	12	*20*
“	“	“ “	“	6.57	08c	3	“	*12*
..	35.2	+ 0 58	..	11.23	07	2	8	..
..	35.2	+ 0 57	..	12.78	07	2	“	..
3752	35.6	+ 0 6	9.5	9.48	02	1	9	..
“	“	“ “	“	10.00	02g	1	“	..
4808	35.8	−12 49	4.5	4.42	03b	3	13	*03*
“	“	“ “	“	4.20	03c	3	“	19
3477	17 35.9	+ 4 53	9.0	9.12	02	4	1	*01*
“	“	“ “	“	9.26	02g	4	“	*15*
3472	35.9	+ 3 19	9.4	9.67	02	3	9	..
3479	36.1	+ 4 44	9.5	9.80	02	3	9	..
3494	36.4	+ 5 59	7.9	8.06	08	2	19	..
“	“	“ “	“	7.60	08b	2	“	..
3754	36.4	+ 0 5	9.0	9.21	02	3	1	37
“	“	“ “	“	9.36	02g	3	“	22
2349	36.6	+46 4	4.0	3.78	05c	2	13	01
“	“	“ “	“	3.91	05d	2	“	*12*
1561	36.7	+62 0	7.7	7.75	08	2	19	..
“	“	“ “	“	7.74	08b	2	“	..
3498	36.7	+ 6 22	6.5	6.02	08b	3	12	*04*
“	“	“ “	“	6.02	08c	3	“	*04*
3384	36.7	+ 2 32	9.0	9.17	02	3	9	..
3076	36.9	+31 22	7.0	6.43	08b	3	12	00
“	“	“ “	“	6.20	08c	3	“	23
3757	36.9	+ 0 36	9.4	10.25	02	3	9	..
4333	37.4	− 4 57	9.0	9.99	05	2	1	06
“	“	“ “	“	10.04	05b	2	“	01
4712	37.4	−21 38	5.2	5.27	03b	3	13	*38*
“	“	“ “	“	5.33	03c	3	“	*44*
949	37.5	+68 48	4.8	4.93	05c	4	13	*06*
“	“	“ “	“	4.89	05d	4	“	*02*
2781	37.7	+43 31	6.5	6.35	08b	3	12	32
“	“	“ “	“	6.33	08c	3	“	34
3486	38.0	+ 1 24	9.1	9.60	02	3	9	..
4732	38.1	−13 28	6.3	6.49	08b	5	12	*22*
“	“	“ “	“	6.45	08c	3	“	*18*
4487	38.3	− 7 2	6.7	6.37	08b	5	12	*17*
“	“	“ “	“	6.36	08c	3	“	*16*
3489	38.5	+ 4 37	3.0	2.94	01i	2	1	00
“	“	“ “	“	2.68	02i	1	“	26
“	“	“ “	“	3.10	04c	3	13	*16*
“	“	“ “	“	2.86	04d	3	“	08
1791	38.9	+57 22	7.0	6.88	08b	3	12	*04*
“	“	“ “	“	6.78	08c	3	“	06
3277	39.0	+10 9	8.6	8.51	07r	5	1	36
2877	39.5	+27 5	7.9	7.29	08	2	19	..
“	“	“ “	“	7.09	08b	2	“	..
4341	39.6	− 4 54	9.0	9.84	05	2	1	06
“	“	“ “	“	9.80	05b	2	“	10
3352	39.7	− 0 5	8.2	8.64	08	3	18	*11*
“	“	“ “	“	8.60	08b	3	“	*07*
3765	40.2	+ 0 53	8.8	9.26	07	2	8	18
3766	40.4	+ 0 7	8.8	9.00	01	2	1	*07*
“	“	“ “	“	8.84	01g	2	“	09
“	“	“ “	“	9.02	02	4	“	*09*
“	“	“ “	“	9.15	02g	3	“	*22*
3486	40.8	+ 3 36	9.2	9.57	01	2	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	17 40.8	+ 3 36	9.2	9.72	02	1	9	..	4664	17 45.6	− 6 52	8.8	9.60	05	4	3	..
3395	41.0	+ 2 28	9.3	10.04	01	2	9	..	"	"	" "	"	9.39	06	2	17	..
"	"	" "	"	10.10	02	1	"	..	"	"	" "	"	9.56	06b	2	"	..
4423	41.7	−22 27	6.7	6.74	08b	5	12	*50*	3348	45.8	+14 56	8.5	8.93	10	4	1	*19*
"	"	" "	"	6.82	08c	3	"	*58*	3412	46.0	+ 2 49	9.3	10.19	01	3	9	..
3772	42.0	+ 0 40	9.5	10.10	01	2	9	..	4666	46.0	− 6 52	9.1	9.78	05	4	3	..
"	"	" "	"	10.40	02	1	"	..	*3305*	46.1	+11 59	6.4	6.15	08b	3	12	20
4351	42.1	− 5 0	9.0	9.68	05	2	1	02	"	"	" "	"	6.36	08c	3	"	*01*
"	"	" "	"	9.98	05b	2	"	*28*	4667	46.2	− 6 50	8.2	7.92	05	4	3	..
3507	42.4	+ 4 36	9.2	9.40	01	2	9	..	2845	46.4	+28 16	8.2	8.20	08	2	19	..
"	"	" "	"	9.43	02	1	"	..	"	"	" "	"	8.09	08b	2	"	..
3505	42.4	+ 1 36	9.5	10.46	01	2	9	..	3794	46.4	+ 0 23	9.5	10.28	01	3	9	..
"	"	" "	"	10.60	02	2	"	..	3412	46.8	− 1 12	6.5	6.27	08b	3	12	18
2888	42.5	+27 47	3.5	3.44	04c	3	13	04	"	"	" "	"	6.51	08c	3	"	*06*
"	"	" "	"	3.66	04d	3	"	*18*	4365	46.8	− 4 46	7.8	8.46	05	2	1	*26*
3508	42.6	+ 4 53	9.0	9.34	01	2	1	01	"	"	" "	"	8.23	05b	2	"	*03*
"	"	" "	"	9.45	01g	1	"	*10*	3295	47.6	+16 40	7.5	7.82	10	4	7	*44*
"	"	" "	"	9.18	02	1	"	17	2610	48.5	+45 0	8.7	9.10	08	3	18	*03*
"	"	" "	"	9.51	02g	1	"	*16*	"	"	" "	"	9.48	08b	3	"	*41*
3403	42.9	+ 2 45	3.5	3.58	01i	2	1	16	3308	49.3	+16 47	9.0	9.24	10	4	7	..
"	"	" "	"	3.59	02i	1	"	15	3527	49.4	+ 3 22	9.5	10.23	01	3	9	..
"	"	" "	"	3.60	04c	3	13	14	3424	49.4	+ 2 36	9.3	9.86	01	3	9	..
"	"	" "	"	3.66	04d	3	"	08	3283	49.6	+11 10	6.5	6.43	08b	3	12	*17*
3338	43.3	+14 51	8.4	8.29	10	4	1	08	"	"	" "	"	6.24	08c	3	"	02
4655	43.3	− 6 39	9.6	10.58	05	4	3	..	3310	49.7	+16 8	9.3	9.50	10	4	7	..
804	43.7	+72 12	4.8	4.92	05b	2	13	*02*	..	50.0	−19 6	..	10.73	03	2	16	..
"	"	" "	"	4.61	05c	3	"	29	"	"	" "	"	10.92	04	4	"	..
"	"	" "	"	4.78	05d	1	"	12	3312	50.1	+16 19	8.2	7.77	10	4	7	..
805	43.7	+72 12	6.2	6.08	05b	2	13	*01*	3549	50.1	+ 4 37	9.3	9.48	01	3	9	..
"	"	" "	"	5.86	05c	2	"	21	..	50.2	−19 12	..	11.30	03	2	16	..
4657	44.0	− 6 38	9.7	10.74	05	4	3	..	"	"	" "	"	11.16	04	4	"	..
4881	44.1	−20 5	9.7	11.17	99	1	25	..	..	50.2	−19 13	..	12.38	03	2	16	..
3406	44.3	+ 2 0	6.8	6.41	08b	3	12	05	3313	50.3	+16 34	8.7	9.01	10r	3	7	..
"	"	" "	"	6.47	08c	3	"	*01*	3537	50.3	+ 1 29	9.4	10.54	01	3	9	..
..	44.4	− 6 42	..	11.68	05	4	3	..	3808	50.3	+ 0 54	9.5	10.31	01	3	9	..
3786	44.5	+ 0 56	7.3	7.94	07	2	8	00	4534	50.3	− 5 2	8.3	9.06	05	2	1	14
..	44.5	− 6 37	..	13.12	05	4	3	..	"	"	" "	"	8.99	05b	2	"	21
..	44.8	− 6 29	..	11.92	05	4	3	..	4755	50.5	−19 8	9.3	9.54	03	4	16	..
4660	44.8	− 6 46	9.0	9.32	05	6	3	..	"	"	" "	"	9.34	04	8	"	..
3343	44.9	+14 48	9.5	9.92	04	1	25	..	..	50.6	−19 8	..	10.88	03	2	16	..
4886	44.9	−20 7	9.3	10.76	99	1	25	..	"	"	" "	"	10.66	04	4	"	..
3521	45.0	+ 1 45	9.5	9.25	01	3	9	..	3301	50.7	+15 18	8.0	7.76	02	6	5	..
"	"	" "	"	9.07	01g	1	"	..	..	50.8	+11 15	..	10.85	05	4	4	..
..	45.1	− 6 37	..	12.36	05	4	3	..	3289	50.8	+11 11	9.5	9.88	05	4	4	..
4887	45.1	−20 14	9.0	9.99	99	1	25	..	4760	50.8	−19 8	9.4	9.62	03	2	16	..
3504	45.2	+ 3 44	9.3	9.45	01	.3	9	..	"	"	" "	"	9.49	04	4	"	..
4662	45.2	− 6 18	9.6	10.62	05	4	3	..	..	50.8	−19 14	..	11.32	03	2	16	..
..	45.2	− 6 57	..	12.55	05	4	3	..	"	"	" "	"	11.08	04	4	"	..
3521	45.3	+ 4 31	9.5	10.27	01	4	9	..	4764	51.0	−19 19	8.4	8.46	03	2	16	..
..	45.4	− 6 16	..	10.96	05	4	3	..	"	"	" "	"	8.40	04	4	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
. .	17 51.5	+11 5	. .	11.76	05	4	4	. .	3310	17 53.5	+15 13	9.4	10.14	02	6	5	. .
4723	51.5	−18 56	8.4	8.24	03	2	16	. .	3341	53.5	+10 11	7.8	8.17	05	3	1	*05*
"	"	" "	"	8.15	04	4	"	. .	4632	53.5	− 9 46	3.8	3.53	03c	3	13	*03*
3292	51.6	+11 36	8.8	8.52	05	4	4	. .	"	"	" "	"	3.46	03d	3	"	04
4725	51.6	−18 41	8.6	8.90	03	2	16	. .	1772	53.6	+58 46	8.5	8.65	02	5	4	. .
"	"	" "	"	8.86	04	4	"	. .	4480	53.6	−22 57	9.0	9.06	01	6	22	08
4772	51.6	−19 57	8.3	8.68	03	1	1	*10*	"	"	" "	"	9.20	01g	7	"	*06*
"	"	" "	"	8.56	03g	1	"	02	13731	53.7	−23 48	5.4	4.84	03b	2	13	*08*
"	"	" "	"	8.54	04	2	"	04	"	"	" "	"	5.09	03c	3	"	*33*
"	"	" "	"	8.53	04b	2	"	05	"	"	" "	"	4.92	03d	1	"	*16*
"	"	" "	"	8.63	10	6	1	*05*	12542	53.7	−25 9	8.3	8.86	06	6	1	*06*
4773	51.6	−19 4	10	10.72	03	2	16	. .	3441	53.8	+ 2 37	9.3	9.72	01	3	9	. .
"	"	" "	"	10.82	04	4	"	. .	4482	53.8	−22 39	8.9	8.65	10	4	7	. .
. .	51.7	+11 2	. .	11.73	05	4	4	. .	12544	53.8	−25 4	8.1	8.33	06r	5	1	*08*
4774	51.7	−19 53	8.6	8.78	03	1	1	15	1996	53.9	+55 42	8.5	9.15	05	4	4	. .
"	"	" "	"	8.58	03g	1	"	35	3156	53.9	+29 16	4.0	3.76	04c	3	13	06
"	"	" "	"	8.79	04r	1	"	14	"	"	" "	"	3.78	04d	3	"	04
"	"	" "	"	8.72	04b	2	"	21	3825	53.9	+ 0 13	9.3	9.73	01	3	9	. .
"	"	" "	"	8.63	10	6	"	30	1821	54.0	+57 48	9.5	10.32	05	4	4	. .
2033	51.8	+56 53	3.5	3.99	05c	3	13	*09*	3480	54.0	+19 14	9.3	10.02	07	4	4	. .
"	"	" "	"	3.89	05d	3	"	01	3312	54.0	+15 59	9.5	11.23	02	12	5	. .
3293	51.8	+11 17	9.3	9.58	05	8	4	. .	. .	54.1	+58 9	. .	11.31	05	4	4	. .
4775	51.8	−19 8	9.0	9.50	03	2	16	. .	. .	54.1	+58 8	. .	11.85	05	4	4	. .
"	"	" "	"	9.30	04	4	"	. .	3313	54.2	+15 36	9.4	10.33	02	6	5	. .
. .	52.0	+11 13	. .	12.61	05	4	4	. .	3377	54.2	+14 57	8.8	9.16	02	6	5	03
. .	52.2	+11 13	. .	10.20	05	4	4	. .	"	"	" "	"	9.32	10	4	"	*13*
. .	52.2	+10 51	. .	10.78	05	4	4	. .	2282	54.3	+51 30	2.2	2.35	05c	3	13	07
3296	52.3	+11 13	9.4	9.81	05	4	4	. .	"	"	" "	"	2.34	05d	3	"	08
. .	52.3	+11 12	. .	10.80	05	4	4	. .	3314	54.3	+15 32	9.5	10.66	02	12	5	. .
4777	52.3	−19 16	8.8	9.01	03	2	16	. .	3565	54.3	+ 4 51	9.5	9.97	01	1	25	. .
"	"	" "	"	9.06	04	4	"	. .	4489	54.3	−22 58	9.3	9.72	10	4	7	. .
3558	52.4	+ 4 53	8.7	8.76	01	3	1	*26*	3483	54.4	+19 23	9.3	9.78	07	4	4	. .
"	"	" "	"	8.59	01g	3	"	*09*	3829	54.4	+ 0 2	8.7	8.84	01	4	1	14
"	"	" "	"	8.53	02	1	"	*03*	"	"	" "	"	8.77	01g	5	"	21
"	"	" "	"	8.10	02g	1	"	40	"	"	" "	"	8.80	02	3	"	18
4778	52.5	−19 14	8.8	8.97	03	2	16	. .	"	"	" "	"	8.65	02g	3	"	33
"	"	" "	"	8.90	04	4	"	. .	4490	54.4	−22 36	9.5	9.59	10	4	7	. .
2982	52.8	+37 16	3.5	3.84	04c	3	13	15	3484	54.6	+19 30	9.2	9.85	07	4	4	. .
"	"	" "	"	4.00	04d	3	"	*01*	3316	54.6	+15 5	9.3	9.28	01	6	25	. .
3308	52.8	+15 34	9.0	9.08	02	6	5	. .	"	"	" "	"	9.47	01g	6	"	. .
3299	52.8	+11 4	6.5	6.43	08b	3	12	07	. .	54.7	+58 14	. .	12.72	05	1	4	. .
"	"	" "	"	6.19	08c	3	"	31	3093	54.7	+30 11	4.5	4.40	04c	3	13	08
4780	52.8	−19 7	10	10.86	03	2	16	. .	"	"	" "	"	4.53	04d	3	"	*05*
"	"	" "	"	11.04	04	4	"	. .	13762	54.7	−23 4	9.3	9.82	10	4	7	. .
1771	52.9	+58 8	9.5	10.82	02	12	4	. .	4491	54.8	−22 15	9.0	8.79	10	4	7	. .
"	"	" "	"	10.78	05	8	"	. .	4794	54.9	−19 54	9.0	9.01	03	1	1	*03*
3543	53.0	+ 3 45	9.4	9.64	01	3	9	. .	"	"	" "	"	9.03	03g	1	"	*05*
1820	53.4	+57 47	. .	9.96	05	4	4	. .	"	"	" "	"	8.96	04	2	"	02
3562	53.4	+ 4 28	9.5	9.74	01	3	9	. .	"	"	" "	"	9.15	04b	2	"	*17*
3546	53.4	+ 1 35	9.5	11.09	01	3	9	. .	"	"	" "	"	9.15	10	6	"	*17*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4493	17 55.0	−22 36	8.7	8.43	10	4	7	..
12578	55.0	−25 6	9.3	9.32	06r	5	1	*02*
3381	55.1	+14 29	7.8	7.87	02	7	5	..
3096	55.2	+30 6	7.7	7.32	08	3	18	*40*
"	"	" "	"	6.95	08b	3	"	*03*
..	55.2	+19 29	..	13.42	07	6	4	..
..	55.2	+19 28	..	11.73	07	4	4	..
3317	55.2	+15 19	8.3	8.32	02	5	5	..
3832	55.2	+ 0 38	7.1	6.56	08b	3	12	*27*
"	"	" "	"	6.34	08c	3	"	*05*
4217	55.2	− 3 41	5.2	4.65	03b	3	13	*05*
"	"	" "	"	4.52	03c	3	"	08
4795	55.2	−19 51	8.3	8.63	03	1	1	*05*
"	"	" "	"	8.50	03g	1	"	08
"	"	" "	"	8.60	04	2	"	*02*
"	"	" "	"	8.60	04b	2	"	*02*
"	"	" "	"	8.58	10	6	"	00
4796	55.2	−19 57	7.8	8.48	03	1	1	*40*
"	"	" "	"	8.07	03g	1	"	01
"	"	" "	"	8.18	04	2	"	*10*
"	"	" "	"	8.14	04b	2	"	*06*
"	"	" "	"	8.26	10	6	"	*18*
3382	55.3	+14 59	8.7	8.43	02	6	5	36
"	"	" "	"	8.74	10	4	1	05
3570	55.3	+ 4 23	5.3	4.98	01i	4	1	*17*
"	"	" "	"	4.92	04b	2	13	*11*
"	"	" "	"	4.83	04c	4	"	*02*
"	"	" "	"	4.93	04d	1	"	*12*
3489	55.4	+19 27	9.0	9.57	07	4	4	..
..	55.5	+19 33	..	11.63	07	4	4	..
1773	55.6	+58 7	9.4	9.68	02r	12	4	..
..	55.6	+57 55	..	10.84	05	4	4	..
1998	55.6	+55 18	9.5	10.43	05	4	4	..
3335	55.6	+16 46	4.9	4.75	04b	1	13	*04*
"	"	" "	"	4.84	04c	2	"	*13*
"	"	" "	"	4.77	04d	1	"	*06*
3458	55.6	+ 2 56	4.0	4.04	01i	3	9	*12*
"	"	" "	"	3.91	04c	3	13	01
"	"	" "	"	3.89	04d	3	"	03
..	55.7	+19 34	..	12.19	07	4	4	..
..	55.8	+19 15	..	10.64	07	4	4	..
12595	55.8	−25 1	9.0	8.85	06r	5	1	20
1866	55.9	+59 2	8.8	8.83	02	7	4	..
..	55.9	+54 56	..	12.63	05	4	4	..
616	56.0	+78 20	6.5	6.22	08b	3	12	16
"	"	" "	"	6.21	08c	3	"	17
..	56.0	+55 6	..	10.99	05	4	4	..
..	56.0	+19 31	..	11.84	07	4	4	..
..	56.0	+19 28	..	10.96	07	4	4	..
13775	56.1	−24 52	8.1	8.27	06r	5	1	*12*
	h. m.	° ′						
2000	17 56.2	+55 13	9.4	9.99	05	4	4	..
..	56.2	+54 56	..	11.82	05	4	4	..
3495	56.4	+19 38	8.5	8.55	07	4	4	..
2001	56.5	+55 ·8	8.3	8.44	05	2	4	07
"	"	" "	"	8.44	05b	2	"	07
..	56.5	+54 49	..	10.72	05	4	4	..
4511	56.5	−22 46	9.1	8.94	01	6	22	*01*
"	"	" "	"	9.01	01g	6	"	*08*
13783	56.5	−24 15	8.3	7.47	06	6	16	*60*
13785	56.5	−24 13	9.0	8.98	06	6	16	..
13786	56.5	−24 3	9.0	9.69	06	6	16	..
1774	56.7	+58 29	9.3	9.46	02	6	4	..
3559	56.7	+ 1 33	9.3	9.45	01	2	9	..
"	"	" "	"	9.26	02	1	"	..
3560	56.7	+ 1 19	4.5	4.15	01i	1	1	29
"	"	" "	"	4.40	02i	2	"	04
"	"	" "	"	4.53	04b	1	13	*09*
"	"	" "	"	4.57	04c	3	"	*13*
"	"	" "	"	4.50	04d	2	"	*06*
3568	56.8	+ 3 48	9.2	9.40	01	1	9	..
"	"	" "	"	9.30	02	2	"	..
13814	56.8	−23 1	9.4	10.21	10	4	7	..
3498	56.9	+19 41	9.3	9.49	07	4	4	..
1775	57.1	+58 28	9.5	10.59	02	12	4	..
3839	57.1	+ 0 53	9.0	9.28	07	2	8	01
3280	57.2 57.2	+21 36 +21 36	4.2	4.54	04b	2	13	*12*
"	"	" "	"	4.29	04c	3	"	13
"	"	" "	"	4.51	04d	1	"	*09*
3338	57.2	+15 1	8.8	8.96	10	4	1	21
13800	57.2	−24 14	9.5	9.94	06	6	16	..
..	57.3	+54 58	..	11.93	05	4	4	..
3642	57.5	+20 9	7.8	8.42	07	4	1	*07*
3364	57.5	+10 2	8.1	8.36	05	3	1	*19*
4549	57.6 57.6	− 8 11 − 8 11	4.8	4.58	03b	2	13	30
"	"	" "	"	4.69	03c	2	"	19
2003	57.7	+55 2	9.0	9.46	05	3	4	00
"	"	" "	"	9.63	05b	1	"	*17*
1776	57.8	+58 46	7.8	7.76	02	8	4	..
13816	57.8	−24 19	8.0	7.34	06	6	16	..
3578	57.9	+ 4 19	9.5	11.07	01	1	25	..
3842	57.9	+ 0 25	9.3	9.48	01	1	9	..
"	"	" "	"	9.54	02	2	"	..
3579	58.0	+ 4 29	9.5	9.84	02	4	9	..
..	58.0	−24 12	..	11.74	06	8	16	..
..	58.0	−24 15	..	11.79	06	6	16	..
13823	58.1	−24 14	9.5	9.03	06	13	16	..
13826	58.1	−24 11	8.3	7.72	06	6	16	..
..	58.1	−24 16	..	11.06	06	6	16	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	17 58.2	−24 13	..	10.41	06	6	16	..
2005	58.3	+55 4	9.5	10.00	05	4	4	..
1870	58.4	+59 9	8.5	8.46	02	6	4	..
3475	58.5	+ 2 39	9.5	10.14	02	4	9	..
..	58.6	−24 13	..	11.24	06	6	16	..
1831	58.7	+57 25	9.0	8.88	02	6	4	..
1832	58.7	+57 21	8.0	7.93	02	6	4	..
13851	58.7	−24 25	10	11.62	06	6	16	..
1931	58.8	+54 53	9.0	9.38	05	2	4	*17*
"	"	" "	"	9.26	05b	2	"	*05*
3506	58.8	+19 42	7.8	8.03	07	4	1	*01*
13853	58.8	−24 41	8.1	7.64	06	6	16	*04*
13854	58.8	−24 28	9.9	10.88	06	6	16	..
3651	58.9	+20 6	9.0	9.12	07	4	1	*27*
2009	59.5	+55 6	8.9	9.38	05	2	4	*07*
"	"	" "	"	9.25	05b	2	"	06
3578	59.6	+ 1 55	6.5	6.33	08b	3	12	*24*
"	"	" "	"	6.18	08c	3	"	*09*
3848	59.6	+ 0 51	9.0	9.53	07	2	8	14
4555	59.8	−22 13	9.0	8.79	01	6	22	00
"	"	" "	"	8.89	01g	6	"	*10*
..	59.9	+54 56	..	10.80	05	4	4	..
3517	18 0.0	+19 48	9.1	9.58	00	1	25	..
3850	0.3	+ 0 54	9.3	9.45	07	2	8	..
3482	0.4	+ 2 31	4.0	4.29	01i	1	1	*22*
"	"	" "	"	4.08	02i	3	"	*01*
"	"	" "	"	4.02	04c	3	13	05
"	"	" "	"	4.10	04d	3	"	*03*
3519	0.5	+19 53	9.0	9.15	07	4	1	15
3254	0.6	+23 56	7.1	6.21	08b	4	12	04
"	"	" "	"	6.12	08c	4	"	13
1232	0.7	+65 54	8.5	8.94	05	4	4	..
3657	0.7	+20 3	8.5	8.55	07	4	1	15
3586	1.0	+ 3 41	9.3	9.49	01	1	9	..
"	"	" "	"	9.28	02	2	"	..
3270	1.1	+22 4	9.2	9.69	06	4	4	..
3383	1.1	+12 0	7.5	6.55	08b	3	12	*09*
"	"	" "	"	6.73	08c	3	"	*27*
4855	1.2	−21 27	6.4	6.73	08b	3	12	*51*
"	"	" "	"	6.76	08c	3	"	*54*
1233	1.3	+65 57	7.0	7.95	05	4	4	*31*
3300	1.3	+21 38	7.5	6.26	08b	3	12	17
"	"	" "	"	6.04	08c	3	"	39
3853	1.6	+ 0 23	9.5	10.51	01	1	9	..
"	"	" "	"	10.26	02	2	"	..
2017	1.7	+55 10	9.0	9.22	05	2	1	14
"	"	" "	"	9.36	05b	2	"	00
..	1.7	+22 9	..	11.43	06	4	4	..
..	1.8	+22 8	..	12.74	06	4	4	..
..	1.8	+22 6	..	13.61	06	5	4	..
3274	18 1.8	+22 5	9.2	9.16	06	5	4	..
3603	1.8	+ 4 42	9.5	10.74	01	1	9	..
"	"	" "	"	10.58	02	2	"	..
4822	1.8	−15 0	9.1	9.46	10r	5	1	*15*
4795	1.8	−18 3	8.5	8.76	10	4	7	..
2968	1.9	+41 56	6.3	6.19	08b	3	12	23
"	"	" "	"	6.17	08c	3	"	25
..	2.0	+22 2	..	11.48	06	5	4	..
..	2.1	+22 14	..	11.23	06	4	4	..
..	2.3	+21 59	..	11.02	06	4	4	..
3597	2.3	+ 1 45	9.5	11.00	01	1	9	..
"	"	" "	"	11.30	02	2	"	..
3279	2.5	+22 13	9.5	10.52	06	4	4	..
"	"	" "	"	4.78	04c	4	"	*05*
"	"	" "	"	4.88	04d	3	"	*15*
4857	2.5	−19 57	9.0	9.14	10	4	1	*01*
3564	2.6	+ 9 33	3.3	3.75	04c	3	13	*02*
"	"	" "	"	3.63	04d	3	"	10
4858	2.6	−19 52	8.4	8.38	10	4	1	00
4800	2.7	−18 24	9.1	10.37	10	4	7	..
4581	2.7	−22 10	8.5	7.70	01	6	22	19
"	"	" "	"	7.62	01g	6	"	27
3280	2.8	+22 25	8.3	8.63	06	4	4	..
..	2.8	+22 6	..	11.59	06	4	4	..
3496	2.9	+ 2 18	9.5	10.95	01	1	9	..
"	"	" "	"	10.92	02	2	"	..
4801	2.9	−18 59	8.3	8.26	10	4	7	..
..	3.0	+ 0 52	..	10.68	07	2	8	..
4829	3.0	−15 3	9.3	10.15	10	5	1	*54*
3309	3.1	+21 43	9.2	9.31	06	4	4	..
3497	3.1	+ 2 37	9.0	9.28	01	1	25	..
3529	3.2	+13 3	6.7	6.55	08b	3	12	*09*
"	"	" "	"	6.45	08c	3	"	01
3613	3.2	+ 4 48	9.0	9.53	01	1	1	*03*
"	"	" "	"	9.94	01g	1	"	*44*
"	"	" "	"	9.50	02	4	"	00
"	"	" "	"	9.72	02g	4	"	*22*
4830	3.2	−15 3	9.0	9.14	10	5	1	07
4863	3.2	−19 53	8.2	8.11	10	4	1	22
4585	3.2	−22 55	8.6	8.49	01	2	25	..
"	"	" "	"	8.46	01g	2	"	..
..	3.3	+ 0 56	..	11.86	07	3	8	..
3857	3.3	+ 0 6	9.1	9.35	01	1	1	*02*
"	"	" "	"	9.54	01g	1	"	*21*
"	"	" "	"	9.29	02	4	"	04
"	"	" "	"	9.31	02g	5	"	02
4864	3.3	−19 52	8.6	9.03	10	4	1	*25*
4865	3.3	−19 54	9.0	9.23	10	4	1	15
4834	3.5	−15 4	8.5	8.30	10	5	1	31
2925	3.6	+28 45	3.9	3.86	04c	3	13	*03*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	18 3.6	+28 45	3.9	3.68	04d	3	13	15
. .	3.6	+ 0 53	. .	10.94	07	2	8	. .
3574	3.7	+ 9 32	9.5	10.38	05	2	25	. .
“	“	“ “	“	10.50	06	2	“	. .
3861	3.8	+ 0 58	9.4	10.50	07	2	8	. .
4810	3.8	−18 52	7.3	7.57	10	4	7	*07*
3576	4.0	+ 9 26	9.4	9.46	05	4	24	. .
“	“	“ “	“	9.43	06	4	“	. .
3578	4.0	+ 9 3	8.9	8.99	06	2	17	. .
“	“	“ “	“	9.24	06b	2	“	. .
“	“	“ “	“	9.13	08	1	“	. .
“	“	“ “	“	9.25	08b	1	“	. .
4863	4.0	−13 57	6.3	6.72	08b	3	12	*22*
“	“	“ “	“	6.85	08c	3	“	*35*
4907	4.0	−14 53	9.0	9.10	10	5	1	01
3579	4.1	+ 9 58	8.9	9.18	05	3	1	04
3580	4.1	+ 9 37	9.3	9.89	06	1	25	. .
3674	4.4	+20 48	4.2	4.42	04b	1	13	*10*
“	“	“ “	“	4.12	04c	3	“	20
“	“	“ “	“	4.12	04d	2	“	20
3864	4.4	+ 0 51	9.3	10.10	07	2	8	. .
269	4.5	+86 37	4.5	4.57	05c	3	13	*13*
“	“	“ “	“	4.43	05d	3	“	01
. .	4.7	−16 32	. .	11.61	10	4	7	. .
4597	4.7	−22 16	8.0	7.69	01	6	22	17
“	“	“ “	“	7.83	01g	6	“	03
“	“	“ “	“	7.90	10	4	7	*04*
3614	4.9	+ 3 38	9.4	10.12	01	1	9	. .
“	“	“ “	“	9.90	02	2	“	. .
3344	5.0	+24 58	9.0	9.70	06	4	1	01
1240	5.1	+65 43	6.8	7.42	05	4	4	28
“	“	“ “	“	7.43	05b	1	“	27
1077	5.3	+66 56	6.5	7.07	05	3	4	*20*
. .	5.3	+66 2	. .	11.55	05	4	4	. .
. .	5.3	+65 52	. .	10.30	05	4	4	. .
4741	5.3	−16 40	9.5	9.96	10	4	7	. .
4742	5.3	−16 46	9.5	10.00	10	4	7	. .
3414	5.4	+10 3	9.0	9.26	05	3	1	06
3609	5.4	+ 1 44	9.3	9.76	01	1	9	. .
“	“	“ “	“	9.67	02	2	“	. .
. .	5.4	−16 25	. .	11.92	10	4	7	. .
. .	5.4	−16 31	. .	11.99	10	4	7	. .
1242	5.6	+65 51	9.0	9.33	05	8	4	. .
“	“	“ “	“	9.70	05b	1	“	. .
3518	5.9	+ 2 47	9.5	10.53	01	1	9	. .
“	“	“ “	“	10.48	02	2	“	. .
3443	6.1	+25 5	8.5	8.88	06	4	1	*12*
3353	6.2	+24 52	9.0	9.85	06	4	1	*21*
1243	6.3	+65 49	9.0	9.39	05	4	4	. .
3095	6.4	+38 28	6.7	6.38	08b	3	12	02
A	18 6.4	+38 28	6.7	6.21	08c	3	12	19
3638	6.5	+ 4 43	9.5	10.11	01	1	9	. .
“	“	“ “	“	10.09	02	2	“	. .
1244	6.6	+65 59	9.5	10.91	05	5	4	. .
. .	6.7	+65 48	. .	10.69	05	5	4	. .
. .	6.9	+66 1	. .	11.59	05	5	4	. .
1245	6.9	+65 52	7.5	8.34	05	4	4	*62*
4613	6.9	−22 29	9.1	8.87	01	6	22	*05*
“	“	“ “	“	9.02	01g	6	“	*20*
3879	7.0	+ 0 25	9.5	10.30	02	4	9	. .
. .	7.2	+65 59	. .	10.96	05	4	4	. .
3355	7.2	+24 57	8.2	8.28	06	4	1	18
3619	7.2	+ 1 2	9.4	10.42	07	2	8	. .
3425	7.4	+10 2	8.8	9.09	05	3	1	15
4619	7.4	−22 45	8.3	8.60	01	6	22	*10*
“	“	“ “	“	8.66	01g	6	“	*16*
“	“	“ “	“	8.29	10	4	7	21
272	7.8	+87 0	6.0	5.95	05c	1	25	*09*
“	“	“ “	“	5.86	05d	1	“	00
. .	7.8	−19 6	. .	10.92	06	8	24	. .
4908	7.8	−21 5	4.0	4.53	03b	1	13	*52*
“	“	“ “	“	3.92	03c	3	“	09
“	“	“ “	“	3.88	03d	2	“	13
. .	7.9	−19 7	. .	9.76	06	8	24	. .
4907	7.9	−19 17	9.5	9.63	06	8	24	. .
4908	7.9	−19 13	9.6	9.97	06	4	25	. .
1083	8.0	+66 4	9.4	9.73	05	4	4	. .
4418	8.3	− 4 42	9.3	10.11	03	1	25	. .
. .	8.6	+ 1 0	. .	11.74	07	2	8	. .
4852	8.6	−18 56	9.8	10.04	03	5	16	. .
4631	8.8	−22 3	8.6	8.08	10	4	7	. .
1812	8.9	+60 7	9.0	9.46	09	2	1	*05*
3347	9.0	+21 51	7.0	6.26	08b	4	12	*01*
“	“	“ “	“	6.44	08c	4	“	*19*
1084	9.4	+66 11	9.5	10.74	05	4	4	. .
3541	9.4	+ 2 42	9.4	10.25	02	4	9	. .
3893	9.4	+ 0 57	9.5	11.60	07	2	8	. .
3660	9.5	+ 4 40	9.4	10.46	02	5	9	. .
4861	9.5	−18 45	9.5	10.09	03	5	16	. .
4862	9.5	−18 58	8.7	8.16	03	5	16	. .
4928	9.5	−19 1	8.2	7.81	03	5	16	. .
4929	9.5	−19 57	8.5	8.31	03	3	1	22
“	“	“ “	“	8.23	03g	3	“	30
“	“	“ “	“	8.47	06	8	24	06
“	“	“ “	“	8.44	06b	1	“	09
“	“	“ “	“	8.32	10	2	1	21
3641	9.6	+ 3 39	9.0	8.54	07	6	4	. .
3628	9.6	+ 1 52	9.5	10.41	02	4	9	. .
. .	9.6	−18 59	. .	9.94	03	6	16	. .
4864	9.7	−18 42	6.8	6.20	03b	5	16	*12*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	18 9.7	−18 42	6.8	6.39	08b	3	16	*31*
“	“	“ “	“	6.37	08c	3	“	*29*
..	9.7	−18 58	..	10.04	03	6	16	..
4865	9.8	−18 59	9.1	8.49	03	11	16	..
4935	9.8	−19 51	9.2	9.08	03	3	1	00
“	“	“ “	“	9.37	03g	3	“	*29*
“	“	“ “	“	9.12	06	5	“	*04*
“	“	“ “	“	9.23	06b	1	“	*15*
“	“	“ “	“	9.22	10	2	“	*14*
3643	9.9	+ 3 38	8.2	7.67	07	6	4	..
4869	10.0	−18 29	9.0	8.71	03	6	16	..
4870	10.0	−18 47	9.5	9.45	03	5	16	..
..	10.0	−18 57	..	10.42	03	6	16	..
..	10.0	−18 59	..	10.53	03	6	16	..
3058	10.1	+36 40	9.3	9.49	06	4	4	..
4675	10.2	− 9 59	9.0	10.12	10	4	1	*21*
..	10.2	−19 0	..	11.25	03	6	16	..
3646	10.3	+ 3 35	9.5	9.70	02	4	9	..
4873	10.3	−18 49	8.6	8.36	03	5	16	..
3059	10.4	+36 35	8.6	9.00	06	4	4	..
3647	10.4	+ 3 29	8.7	8.14	07	6	4	..
4955	10.4	−14 57	8.3	8.20	08	3	18	*34*
“	“	“ “	“	8.12	08b	3	“	*26*
3900	10.5	+ 0 33	9.4	10.46	02	4	9	..
4639	10.5	−10 7	9.0	9.74	10	4	1	*13*
4878	10.5	−18 41	10	9.98	03	6	16	..
829	10.6	+72 8	7.8	7.62	08	2	19	..
“	“	“ “	“	7.39	08b	2	“	..
1815	10.6	+60 8	9.2	9.36	09	2	1	*10*
4901	10.6	−15 31	9.6	10.00	07	4	7	..
4880	10.7	−18 50	8.6	8.00	10	4	7	..
..	10.8	+36 44	..	10.89	06	4	4	..
3213	10.8	+29 12	7.0	6.38	08b	4	12	11
“	“	“ “	“	6.71	08c	4	“	*22*
3370	10.8	+24 57	9.0	9.74	06	4	1	12
3672	10.8	+ 4 24	9.3	10.25	02	1	25	..
..	10.8	+ 3 29	..	10.43	07	6	4	..
..	10.8	−15 33	..	10.70	07	4	7	..
3063	10.9	+36 34	9.4	9.81	06	4	4	..
..	10.9	+ 3 40	..	10.71	07	6	4	..
3675	11.0	+ 4 59	9.0	9.13	04	3	1	*12*
“	“	“ “	“	9.14	04b	3	“	*13*
“	“	“ “	“	9.06	07	7	1	*05*
..	11.1	+36 38	..	12.30	06	4	4	..
3547	11.1	+ 2 22	6.3	6.44	08b	3	12	*13*
“	“	“ “	“	6.51	08c	3	“	*20*
4906	11.1	−15 41	9.3	9.57	07	4	7	..
4944	11.1	−19 0	8.0	7.83	03	5	16	..
“	“	“ “	“	7.51	10	4	7	..
4648	11.1	−22 12	8.5	8.45	01	6	22	*03*
A	18 11.1	−22 12	8.5	8.52	01g	6	22	*10*
..	11.2	+36 27	..	10.97	06	4	4	..
..	11.3	+36 37	..	12.25	06	4	4	..
..	11.3	+ 3 39	..	11.18	07	6	4	..
..	11.3	−15 33	..	10.92	07	4	7	..
..	11.4	+36 38	..	12.33	06	4	4	..
3065	11.4	+36 32	9.3	10.06	06	4	4	..
..	11.4	+ 3 40	..	10.77	07	6	4	..
4908	11.5	−15 45	9.0	9.04	06	4	17	..
4949	11.5	−19 18	9.3	9.18	10	4	7	..
3906	11.6	+ 1 0	9.5	12.12	07	2	8	..
4263	11.6	− 3 2	6.5	6.08	08b	4	12	03
“	“	“ “	“	6.01	08c	4	“	10
4910	11.6	−15 39	9.0	9.00	07	4	7	..
4886	11.6	−18 30	6.7	7.15	08	3	18	*78*
“	“	“ “	“	6.57	08b	3	“	*20*
3419	11.7	+15 2	9.0	8.95	08	3	18	24
“	“	“ “	“	9.44	08b	3	“	*25*
..	11.7	+ 3 38	..	12.22	07	6	4	..
3067	11.8	+36 44	8.3	8.30	06	4	4	..
4969	11.8	−14 52	8.0	8.28	07	6	1	*27*
4655	11.9	−22 22	8.2	7.87	01r	6	22	10
“	“	“ “	“	7.98	01g	5	“	*01*
3682	12.1	+ 4 54	8.7	8.98	02	1	25	*28*
“	“	“ “	“	8.95	02g	1	“	*25*
“	“	“ “	“	8.60	04	3	1	10
“	“	“ “	“	8.72	04b	3	“	*02*
“	“	“ “	“	8.56	07	7	“	14
4973	12.1	−14 57	9.3	9.45	07	8	1	21
4891	12.1	−18 44	8.2	7.54	10	4	7	..
4955	12.2	−19 9	8.9	9.20	10	4	7	..
..	12.3	+36 41	..	11.12	06	4	4	..
3162	12.3	+34 57	8.2	7.82	06	4	1	60
3073	12.4	+36 37	9.4	10.14	06	4	4	..
4917	12.4	−13 39	9.5	12.37	06	1	25	..
“	“	“ “	“	10.50	07	2	“	..
3674	12.5	+ 5 8	8.9	8.70	04	3	1	01
“	“	“ “	“	8.83	04b	3	“	*12*
“	“	“ “	“	8.65	07	7	1	06
3657	12.5	+ 3 45	9.2	9.48	07	6	4	..
4918	12.6	−13 29	9.2	9.74	06	6	24	..
“	“	“ “	“	9.92	07	4	“	..
3909	12.7	+ 1 0	9.5	11.28	07	2	8	..
4916	12.7	−15 29	9.2	9.04	07	4	3	..
2080	13.0	+56 34	7.0	6.56	08b	3	12	*15*
“	“	“ “	“	6.40	08c	3	“	01
3692	13.2	+ 4 25	9.0	9.28	02	1	25	..
3079	13.3	+36 59	8.1	7.75	06	4	4	..
3664	13.3	+ 3 32	9.4	9.48	02	4	9	..
“	“	“ “	“	9.68	07	6	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3558	18 13.3	+ 2 41	9.3	9.89	02	3	9	. .	A	18 16.1	+21 55	6.0	5.22	04c	3	13	*24*
4921	13.3	−15 31	9.1	9.28	07	4	3	. .	“	“	“ “	“	5.36	04d	1	“	*38*
. .	13.3	−15 50	. .	10.28	07	4	3	. .	4599	16.1	− 2 55	3	3.35	03c	3	13	07
3694	13.4	+ 4 27	9.2	9.78	02	4	9	. .	“	“	“ “	“	3.36	03d	3	“	06
3685	13.5	+ 5 6	8.0	7.60	07	7	1	*19*	3094	16.4	+36 1	4.7	4.24	04b	1	13	10
4593	13.5	−11 40	8.7	8.76	05	5	24	. .	“	“	“ “	“	4.28	04c	2	“	06
“	“	“ “	“	8.98	05b	3	“	. .	“	“	“ “	“	4.38	04d	1	“	*04*
. .	13.5	−15 41	. .	11.25	07	4	3	. .	“	“	“ “	“	4.37	05c	1	“	*03*
. .	13.6	−15 43	. .	11.75	07	4	3	. .	“	“	“ “	“	4.34	05d	1	“	00
. .	13.7	−15 40	. .	10.48	07	4	3	. .	3922	16.6	+ 0 58	9.5	11.48	02	3	9	. .
4925	13.8	−15 38	9.5	10.00	07	4	3	. .	3923	17.0	+ 0 7	7.9	7.83	02	3	1	15
4997	13.9	−14 49	9.0	9.29	10	4	1	*03*	“	“	“ “	“	7.84	02g	3	“	14
3299	14.0	+23 15	7.0	6.58	08b	4	12	14	4981	17.0	−19 49	8.9	9.13	03	3	1	*10*
“	“	“ “	“	6.57	08c	4	“	15	“	“	“ “	“	8.96	03g	3	“	07
4690	14.0	− 9 51	8.4	8.90	10	4	1	*09*	4702	17.0	−22 39	9.1	9.42	01	6	22	*20*
. .	14.0	−15 38	. .	11.96	07	4	3	. .	“	“	“ “	“	9.56	01g	6	“	*34*
. .	14.0	−15 42	. .	11.95	07	4	3	. .	*3924*	17.3	+ 1 0	8.8	9.34	07	4	8	*20*
1817	14.1	+60 10	9.2	9.51	09	2	1	*20*	5172	17.3	−17 4	8.8	8.77	10	6	7	. .
1885	14.2	+59 52	8.7	9.22	09	2	1	04	4850	17.4	−16 39	8.2	7.92	10	6	7	. .
3650	14.3	+ 1 40	9.4	10.20	02	4	9	. .	. .	17.5	−13 46	. .	10.77	05	7	24	. .
3917	14.3	+ 0 41	9.5	10.28	02	3	9	. .	3690	17.7	+ 3 35	9.5	9.76	02	3	9	. .
4928	14.5	−15 42	9.5	10.20	07	4	3	. .	3580	17.8	+ 2 28	9.3	9.37	02	3	9	. .
5002	14.6	−14 53	8.7	8.86	07	4	1	00	3722	17.9	+ 4 42	9.5	10.79	02	3	9	. .
“	“	“ “	“	8.85	10	4	“	01	*4712*	18.2	− 8 59	5.5	4.73	03b	3	13	10
4929	14.6	−15 16	9.0	8.32	07	4	3	. .	“	“	“ “	“	4.81	03c	3	“	02
4930	14.6	−15 7	9.0	9.39	07	4	1	*09*	3660	18.3	+ 1 41	9.3	10.62	02	3	9	. .
“	“	“ “	“	9.47	10	4	“	*17*	4963	18.3	−13 32	9.0	9.61	09	4	7	. .
4965	14.6	−19 53	8.4	8.80	03	3	1	*22*	4713	18.4	− 9 57	8.5	9.56	10	4	1	*25*
“	“	“ “	“	8.53	03g	3	“	05	3478	18.6	+16 38	6.5	6.22	08b	4	12	16
“	“	“ “	“	8.56	10	2	“	02	“	“	“ “	“	6.31	08c	4	“	07
3701	14.8	+ 5 1	8.4	8.79	01	1	1	*18*	4277	18.8	− 3 38	6.5	6.42	08b	3	12	*04*
“	“	“ “	“	8.59	01g	1	“	02	“	“	“ “	“	6.37	08c	3	“	01
“	“	“ “	“	8.73	02	8	“	*12*	4967	18.9	−13 44	9.2	9.63	09	4	7	. .
“	“	“ “	“	8.51	02g	7	“	10	5033	18.9	−14 50	9.1	9.17	07	4	1	*11*
“	“	“ “	“	8.62	04	3	“	*01*	“	“	“ “	“	9.04	10	4	“	02
“	“	“ “	“	8.61	04b	3	“	00	4861	19.1	−16 20	8.3	7.55	10	1	7	. .
“	“	“ “	“	8.68	07	7	“	*07*	3228	19.2	+35 3	8.4	8.84	06	4	1	13
4969	15.0	−19 58	9.0	8.96	03	3	1	07	4862	19.2	−16 19	9.3	10.36	10	6	7	. .
“	“	“ “	“	9.11	03g	3	“	*08*	4863	19.2	−16 49	9.2	9.38	10	6	7	. .
“	“	“ “	“	8.84	10	2	“	19	4970	19.3	−13 35	9.1	9.44	09	4	7	. .
4939	15.4	−15 1	8.7	8.16	07	4	1	40	3411	19.4	+21 43	4.5	3.89	04c	3	13	03
“	“	“ “	“	8.36	10	4	“	20	“	“	“ “	“	4.09	04d	3	“	*17*
3212	15.5	+35 6	8.5	8.77	06	4	1	05	5134	19.4	−20 35	5.4	5.02	03b	2	13	*06*
1887	15.6	+59 51	9.0	9.19	09	2	1	32	“	“	“ “	“	5.10	03c	2	“	*14*
5104	15.7	−20 6	9.1	9.82	10	2	1	*39*	4971	19.5	−13 43	9.3	10.07	09	4	7	. .
3680	15.8	+ 3 20	5.5	4.88	02i	3	1	04	14350	19.6	−23 16	9.9	10.61	06	4	24	. .
“	“	“ “	“	4.94	04b	2	13	*02*	4690	19.7	−10 5	9.1	9.44	10	4	1	17
“	“	“ “	“	4.88	04c	3	“	04	4865	19.7	−16 16	9.8	10.41	10	6	7	. .
“	“	“ “	“	4.92	04d	1	“	00	4866	19.7	−16 33	9.8	10.40	10	6	7	. .
3390	16.1	+21 55	6.0	5.04	04b	2	13	*06*	3189	19.8	+34 58	8.2	9.02	06	4	1	00

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3486	18 19.8	− 1 38	6.5	6.12	08b	3	12	*01*	3773	18 22.4	+ 6 56	7.7	7.54	04	6	16	..
“	“	“ “	“	6.08	08c	3	“	03	..	22.4	+ 6 21	..	11.07	04	7	16	..
4973	19.9	−13 43	9.7	10.87	09	4	7	..	3677	22.4	+ 1 42	9.4	10.21	02	3	9	..
..	20.0	+58 56	..	10.59	09	4	7	..	4739	22.4	− 9 5	9.0	10.23	10	6	7	..
1806	20.1	+58 47	8.7	8.64	09	4	7	..	1809	22.5	+58 45	4.8	5.04	05c	3	13	*19*
4729	20.2	− 9 49	8.3	8.48	10	6	7	..	“	“	“ “	“	5.01	05d	3	“	*16*
4974	20.3	−13 39	9.8	11.34	09	4	7	..	..	22.5	+25 1	..	11.82	07r	4	4	..
4731	20.5	− 9 31	8.5	8.95	10	6	7	..	3416	22.5	+24 20	8.5	8.03	07r	4	4	..
5044	20.5	−14 51	8.2	8.45	07	4	1	*24*	5065	22.5	−14 55	9.3	9.29	09	6	1	*08*
4722	20.5	−22 15	9.2	10.04	01	7	22	*61*	3776	22.6	+ 6 11	9.2	9.43	07	4	4	..
“	“	“ “	“	10.25	01g	5	“	*82*	3777	22.6	+ 6 20	9.5	9.94	04	12	16	..
..	20.6	+58 54	..	9.89	09	4	7	..	..	22.6	+ 6 15	..	11.25	04	6	16	..
3160	20.6	+38 42	6.5	6.31	08b	3	12	14	..	22.7	+ 6 17	..	11.85	04	6	16	..
“	“	“ “	“	6.54	08c	3	“	*09*	3940	22.7	+ 0 8	8.1	7.90	02	5	1	*07*
4605	20.6	− 8 13	7.8	8.07	10	6	7	..	“	“	“ “	“	7.66	02g	4	“	17
..	20.8	+58 58	..	10.20	09	4	7	..	5207	22.7	−17 3	8.7	8.66	07	4	3	..
..	20.8	+58 49	..	12.70	09	3	7	..	5015	22.7	−19 51	8.8	8.58	03	2	1	*05*
..	21.0	+58 45	..	10.87	09	4	7	..	“	“	“ “	“	8.56	03g	2	“	*03*
3016	21.0	+27 20	6.5	6.21	08b	3	12	*01*	“	“	“ “	“	8.34	04	2	“	19
“	“	“ “	“	6.02	08c	3	“	18	“	“	“ “	“	8.56	04b	2	“	*03*
3197	21.1	+34 53	8.5	8.74	06	4	1	*17*	3419	22.8	+24 56	9.4	9.71	07r	4	4	..
4606	21.1	− 8 15	7.5	7.38	10	6	7	12	..	22.8	+24 49	..	10.55	07r	4	4	..
3509	21.2	+10 5	8.4	8.86	06	4	1	*34*	3783	22.8	+ 6 3	9.0	9.50	04	6	16	..
3749	21.3	+ 6 33	9.4	10.04	04	6	16	..	3716	22.8	+ 3 41	6.7	6.32	08b	3	12	*18*
3595	21.4	+ 2 51	9.5	10.56	02	3	9	..	“	“	“ “	“	6.22	08c	3	“	*08*
3750	21.5	+ 6 21	9.3	9.60	04	6	16	..	839	22.9	+72 41	3.8	3.57	05c	3	13	12
3742	21.5	+ 4 33	9.4	10.24	02	3	9	..	“	“	“ “	“	3.53	05d	3	“	16
3414	21.6	+25 0	9.3	9.64	07r	4	4	..	3785	22.9	+ 6 45	9.5	9.88	04	6	16	..
2079	21.7	+53 15	6.5	6.31	08b	3	12	*10*	..	22.9	+ 6 25	..	12.56	04	6	16	..
“	“	“ “	“	6.38	08c	3	“	*17*	3786	22.9	+ 6 23	9.2	9.43	07	4	4	..
3710	21.8	+ 9 59	8.5	8.42	06	2	1	05	..	23.0	+24 46	..	11.14	07r	4	4	..
3513	21.9	+10 1	8.9	8.95	06	4	1	02	..	23.1	+ 6 17	..	10.48	07	4	4	..
5145	22.0	−20 1	9.1	9.23	03	2	1	10	3752	23.2	+ 5 42	8.1	7.73	07	4	4	..
“	“	“ “	“	9.23	03g	1	“	10	3753	23.2	+ 5 57	8.9	8.88	07	4	4	..
“	“	“ “	“	9.33	04	2	“	00	3421	23.3	+24 54	9.0	9.32	07r	4	4	09
“	“	“ “	“	9.34	04b	2	“	*01*	..	23.4	+ 6 20	..	11.10	07	4	4	..
5203	22.1	−17 51	6.7	6.41	08b	4	12	*38*	3756	23.4	+ 5 3	8.4	8.26	04	3	1	00
“	“	“ “	“	6.27	08c	4	“	*24*	“	“	“ “	“	8.00	04b	3	“	26
889	22.2	+71 17	4.7	4.12	05c	3	13	12	“	“	“ “	“	8.38	07	4	“	*12*
“	“	“ “	“	4.20	05d	3	“	04	3797	23.5	+ 6 46	8.5	7.80	04	6	16	..
..	22.2	+58 52	..	12.03	09	4	7	..	3799	23.5	+ 6 21	9.0	8.57	04	6	16	..
3714	22.2	+ 3 38	9.5	9.75	02	3	9	..	“	“	“ “	“	8.56	07	4	4	..
3937	22.2	+ 0 51	9.4	9.80	02	3	9	..	..	23.5	+ 6 18	..	10.59	07	4	4	..
..	22.2	−16 53	..	10.72	05	7	24	..	..	23.5	+ 6 10	..	11.38	07	4	4	..
..	22.3	+25 0	..	12.67	07	4	4	..	5071	23.5	−14 38	5.0	4.66	03b	3	13	07
..	22.3	+24 58	..	11.22	07r	4	4	..	“	“	“ “	“	4.64	03c	3	“	09
..	22.3	+24 56	..	11.40	07r	4	4	..	..	23.7	+ 6 8	..	11.88	07	4	4	..
3415	22.3	+24 51	8.8	9.25	07r	4	4	..	3726	23.8	+ 9 55	8.9	9.18	06	2	1	*06*
..	22.3	+ 6 17	..	12.98	04r	8	16	..	3758	23.8	+ 5 58	9.5	10.70	07	4	4	..
3772	22.4	+ 6 27	8.5	8.30	04	6	16	*18*	4900	23.8	−16 43	8.3	8.44	07	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
5025	18 23.8	−19 40	8.8	9.09	03	1	25	..	5039	18 25.6	−19 23	9.5	9.38	03	2	16	..
3805	23.9	+ 6 6	9.5	9.95	07	4	4	..	"	"	" "	"	9.80	04	4	"	..
..	24.0	+ 5 54	..	10.67	07	4	4	..	1271	25.7	+65 30	5.0	4.87	05c	3	13	12
4902	24.0	−16 47	9.0	9.47	07	4	3	..	"	"	" "	"	4.94	05d	3	"	05
3543	24.1	+12 45	9.2	9.46	06	4	5	..	3554	25.8	+12 25	9.3	10.21	06	4	5	..
3525	24.1	+10 9	8.6	8.65	06	4	1	32	3555	25.8	+12 36	9.3	9.85	06	4	5	..
..	24.2	+ 6 16	..	12.19	07	4	4	..	..	25.8	−12 56	..	11.16	09	4	7	..
3807	24.2	+ 6 14	9.3	9.64	07	4	4	..	5042	25.8	−19 9	8.3	7.82	02	6	5	38
3808	24.2	+ 6 13	9.5	11.70	07	4	4	..	"	"	" "	"	8.00	03	4	16	20
1267	24.3	+65 12	8.4	7.96	05	3	1	09	"	"	" "	"	8.37	04	8	"	*17*
"	"	" "	"	8.18	05b	3	"	*13*	4713	25.9	−10 52	5.5	6.13	08b	3	12	*33*
..	24.3	−16 53	..	11.40	07	4	3	..	"	"	" "	"	5.91	08c	3	"	*11*
3478	24.4	+11 35	7.7	7.44	06	2	5	..	5225	25.9	−17 2	9.1	9.83	07	4	3	..
"	"	" "	"	7.00	06b	2	"	..	..	25.9	−19 6	..	11.99	03	2	16	..
5080	24.4	−14 52	9.2	9.28	07	4	1	*12*	"	"	" "	"	12.35	04	4	"	..
"	"	" "	"	9.29	09	6	"	*13*	..	25.9	−19 9	..	9.94	03	2	16	..
3479	24.5	+11 37	8.1	8.10	06	2	5	..	"	"	" "	"	10.46	04	4	"	..
"	"	" "	"	8.07	06b	2	"	..	5044	25.9	−19 11	9.1	8.66	02	7	5	..
3810	24.5	+ 6 4	9.5	10.62	07	4	4	..	3776	26.0	+ 4 34	9.4	10.08	02	1	9	..
..	24.5	−16 57	..	10.99	07	4	3	..	*5048*	26.0	−18 59	9.2	8.68	02	6	5	..
..	24.6	−17 0	..	11.34	07	4	3	..	3558	26.1	+12 40	9.5	10.39	06	4	5	..
5215	24.7	−17 1	9.7	11.51	07	4	3	..	3778	26.1	+ 4 34	7.7	7.96	02	4	R	*26*
3658	24.9	+13 47	6.8	6.90	06	2	1	*01*	3606	26.1	+ 2 44	9.5	11.14	02	4	9	..
3546	24.9	+12 23	7.7	8.08	06	4	5	..	..	26.1	−19 7	..	11.58	03	2	16	..
3481	24.9	+11 50	8.0	8.09	06	4	5	..	"	"	" "	"	11.88	04	4	"	..
5009	24.9	−13 16	8.8	8.95	09	4	7	..	5169	26.1	−20 1	8.7	8.90	03	2	1	13
5033	24.9	−19 28	9.5	9.84	03	2	16	..	"	"	" "	"	9.11	03g	2	"	*08*
"	"	" "	"	10.44	04	4	"	..	"	"	" "	"	8.93	04	2	"	10
3816	25.0	+ 6 41	8.0	8.13	04	6	16	..	"	"	" "	"	9.14	04b	2	"	*11*
3548	25.1	+12 53	8.7	8.86	06	8	R	..	3545	26.2	+25 7	9.0	9.52	07r	4	1	*11*
"	"	" "	"	9.21	06b	4	17	..	3561	26.3	+12 35	9.1	9.38	06	4	5	..
3727	25.1	+ 4 0	7.0	6.67	08b	4	12	*17*	3701	26.3	+ 1 35	9.5	10.44	02	3	9	..
"	"	" "	"	6.68	08c	4	"	*18*	5051	26.3	−19 25	9.8	10.30	02	12	5	..
..	25.2	−13 12	..	11.30	09	4	7	..	"	"	" "	"	10.06	03	2	16	..
4995	25.2	−15 0	8.8	8.79	07	4	1	07	"	"	" "	"	10.35	04	4	"	..
"	"	" "	"	8.86	09	6	"	00	5053	26.3	−19 11	8.5	7.40	02	6	5	*07*
4907	25.2	−16 39	8.5	8.46	07	4	3	..	"	"	" "	"	7.53	03	2	16	*20*
5034	25.2	−19 11	10	10.25	02	12	5	..	"	"	" "	"	7.62	04	4	"	*29*
"	"	" "	"	10.00	03	2	16	..	3779	26.4	+ 4 19	9.3	9.86	06	8	24	..
..	25.4	−13 14	..	11.38	09	4	7	..	5052	26.4	−19 20	9.0	8.81	02	6	5	..
..	25.4	−19 7	..	10.74	02r	4	5	..	"	"	" "	"	8.83	03	2	16	..
3772	25.5	+ 4 7	9.5	9.93	06	1	25	..	"	"	" "	"	8.89	04	4	"	..
..	25.5	−13 14	..	11.34	09	2	7	..	5055	26.4	−19 17	8.8	8.47	02	5	5	..
5222	25.5	−17 7	9.4	10.05	07	4	3	..	"	"	" "	"	8.55	03	2	16	..
4986	25.5	−18 58	7.5	6.87	02	7	5	11	"	"	" "	"	8.78	04	4	"	..
..	25.5	−19 8	..	10.06	03	2	16	..	3563	26.5	+12 20	9.4	10.15	06	4	5	..
"	"	" "	"	10.45	04	4	"	..	3734	26.5	+ 3 37	9.3	8.81	02	3	9	..
3553	25.6	+12 34	9.5	10.68	06	4	5	..	*3154*	26.6	+37 0	8.0	8.51	02	6	7	..
..	25.6	−19 9	..	10.53	03	2	16	..	5057	26.6	−19 32	8.7	8.06	03	2	16	..
"	"	" "	"	10.87	04	4	"	..	"	"	" "	"	8.12	04	4	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
5059	18h 26.6m	−19° 2′	8.0	6.89	02r	6	5	81
“	“	“ “	“	7.21	03	2	16	49
“	“	“ “	“	7.38	04	4	“	32
3956	26.8	+ 0 48	9.5	9.81	02	3	9	..
5005	26.9	−14 59	9.0	8.65	07	4	1	*04*
“	“	“ “	“	8.70	09	6	“	*09*
3566	27.0	+12 37	9.3	9.53	01	6	25	..
“	“	“ “	“	9.80	01g	6	“	..
3737	27.1	+ 3 35	6.7	6.35	08b	4	12	*01*
“	“	“ “	“	6.47	08c	4	“	*13*
3159	27.2	+36 16	8.7	8.91	02	6	7	..
3444	27.4	+24 59	8.8	8.85	07r	4	1	11
3445	27.4	+24 53	9.2	9.07	07r	4	1	09
3568	27.5	+12 17	8.6	8.80	06	4	5	..
3162	27.6	+36 15	9.0	9.33	02	6	7	..
3677	27.6	+13 40	6.8	7.16	06	2	1	02
3163	27.7	+36 54	9.5	10.84	02	13	7	..
3557	27.7	+25 4	9.0	9.19	07r	4	1	*18*
5065	27.7	−19 54	8.5	8.82	03	2	1	06
“	“	“ “	“	8.88	03g	2	“	00
“	“	“ “	“	8.94	04	2	“	*06*
“	“	“ “	“	8.69	04b	2	“	19
4775	27.7	−22 42	9.2	10.07	06	2	25	..
3570	27.8	+12 12	8.6	8.58	06	4	5	..
3164	27.9	+37 0	9.4	10.46	02	6	7	..
..	27.9	−22 43	..	11.87	06	8	24	..
2602	28.0	+50 7	8.5	9.08	10	4	1	*13*
4791	28.0	− 5 59	6.5	6.41	08b	3	12	*04*
“	“	“ “	“	6.29	08c	3	“	08
2604	28.2	+50 2	8.7	9.12	10	4	1	17
3166	28.7	+36 50	9.3	10.01	02	6	7	..
3169	29.0	+36 44	9.5	11.18	02	12	7	..
3170	29.0	+36 36	8.3	8.84	02	6	7	..
“	“	“ “	“	8.82	04	3	17	..
“	“	“ “	“	8.64	04b	3	“	..
“	“	“ “	“	8.74	06	4	“	..
“	“	“ “	“	8.88	06b	3	“	..
4497	29.0	− 4 53	8.2	8.62	10	3	1	*02*
3716	29.1	+ 1 43	9.5	10.77	02	3	9	..
2812	29.2	+49 18	8.8	9.70	10	4	7	..
3794	29.3	+ 4 41	9.3	10.15	02	3	9	..
1270	29.4	+65 0	8.0	8.34	05	4	1	*04*
“	“	“ “	“	8.17	05b	2	“	13
“	“	“ “	“	8.22	09	2	“	08
3156	29.4	+37 22	7.8	8.06	02	6	7	..
3616	29.4	+ 2 41	9.5	11.14	02	3	9	..
3178	29.5	+36 58	9.1	9.57	02	6	7	..
3227	29.6	+30 49	7.5	6.55	08b	3	12	*12*
“	“	“ “	“	6.38	08c	3	“	05
3748	29.6	+ 3 48	9.5	10.20	02	3	9	..
4638	18h 29.8m	− 8° 19′	4.2	4.09	03b	1	13	*03*
“	“	“ “	“	3.95	03c	3	“	11
“	“?	“ “	“	3.99	03d	2	“	07
2232	29.9	+52 3	6.5	6.43	08b	3	12	00
“	“	“ “	“	6.43	08c	3	“	00
3971	29.9	+ 0 36	9.1	9.14	02	3	9	..
2817	30.3	+49 8	9.5	11.35	10	4	7	..
3797	30.4	+ 4 52	8.5	8.59	02	4	1	*09*
“	“	“ “	“	8.55	02g	4	“	*05*
5083	30.4	−19 55	8.8	8.88	03	2	1	*20*
“	“	“ “	“	8.69	03g	2	“	*01*
“	“	“ “	“	8.90	04	2	“	*22*
“	“	“ “	“	8.72	04b	2	“	*04*
..	30.7	+49 16	..	12.78	10	4	7	..
3804	30.7	+ 5 3	8.9	9.47	07	4	1	*11*
2818	30.8	+49 24	9.2	9.85	10	4	7	..
2113	30.9	+56 58	5.4	5.03	05b	2	13	*08*
“	“	“ “	“	4.75	05c	3	“	20
“	“	“ “	“	4.74	05d	1	“	21
2819	31.0	+49 10	9.3	10.03	10	4	7	..
2011	31.1	+54 55	8.3	8.50	08	6	1	16
..	31.2	+49 15	..	11.99	10	4	7	..
..	31.2	+49 14	..	11.91	10	4	7	..
3560	31.4	+16 54	6.3	6.17	08b	4	12	00
“	“	“ “	“	6.16	08c	4	“	01
..	31.5	+49 18	..	11.98	10	4	7	..
3577	31.5	+25 49	9.3	10.36	06	4	4	..
3818	31.6	+ 5 7	9.0	8.94	07	4	1	*03*
4633	31.6	− 7 41	9.0	8.90	06	7	24	..
4634	31.6	− 7 52	9.5	10.38	06	3	25	..
3820	31.7	+ 5 4	8.8	9.44	07	4	1	*03*
5032	31.7	−15 1	9.0	8.44	07	4	1	12
“	“	“ “	“	8.23	09	6	“	33
3579	31.8	+25 50	9.0	9.37	06	4	4	..
2824	31.9	+49 52	8.4	8.76	10	4	1	*04*
3581	31.9	+25 37	8.4	8.64	06	4	4	..
5119	31.9	−12 46	8.7	9.22	08	3	18	..
“	“	“ “	“	9.44	08b	3	“	..
..	32.0	+26 4	..	11.26	06	4	4	..
..	32.1	+26 2	..	10.12	06	4	4	..
3975	32.1	+ 0 52	6.8	7.10	07	3	8	*08*
5035	32.1	−15 1	8.8	9.10	07	4	1	*04*
4658	32.2	− 8 31	9.0	9.82	09	4	7	..
..	32.4	+39 59	..	12.23	03	12	14	..
3306	32.4	+26 4	8.9	9.22	06	4	4	..
3774	32.4	+ 7 27	7.8	8.17	08	3	18	..
“	“	“ “	“	7.85	08b	3	“	..
4661	32.4	− 8 50	8.8	9.87	09	4	7	..
5139	32.4	−14 6	7.0	6.69	08b	3	12	*24*
“	“	“ “	“	6.73	08c	3	“	*28*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	18 32.5	+62 36	..	11.08	04	4	17	..
3530	32.5	+11 21	6.3	6.50	08b	4	12	*14*
"	"	" "	"	6.65	08c	4	"	*29*
4662	32.5	− 8 57	9.8	10.74	09	4	7	..
..	32.6	+25 56	..	11.96	06	4	4	..
3789	32.7	+ 9 10	8.5	8.01	02	7	4	..
3840	32.7	+ 5 10	8.4	7.98	07	4	1	28
"	"	" "	"	8.08	08	3	1	18
"	"	" "	"	8.17	08b	3	"	09
..	32.8	+26 6	..	10.62	06	4	4	..
4709	32.8	− 5 1	8.9	9.02	10	3	1	08
4664	32.8	− 8 49	9.5	10.56	09	5	7	..
3308	33.0	+26 4	9.3	9.84	06	4	4	..
3773	33.0	+ 8 22	9.2	9.49	02	6	4	..
3981	33.0	+ 1 1	9.1	9.61	07	2	8	..
4665	33.0	− 8 42	8.6	9.16	09	4	7	..
3024	33.1	+43 54	9.1	9.49	07	4	5	..
4331	33.1	− 3 17	6.5	6.58	08b	3	12	*11*
"	"	" "	"	6.60	08c	3	"	*13*
..	33.2	+26 8	..	10.69	06	4	4	..
3529	33.2	− 1 12	6.7	6.75	08b	3	12	*26*
"	"	" "	"	6.83	08c	3	"	*34*
..	33.3	+26 4	..	10.95	06	4	4	..
3585	33.3	+25 2	9.1	9.56	06	4	1	00
3818	33.3	+ 4 53	8.6	8.94	02	4	1	*09*
"	"	" "	"	8.82	02g	4	"	03
3794	33.4	+ 9 43	8.4	8.95	02	6	4	..
3983	33.4	+ 0 38	9.5	10.96	02	3	9	..
..	33.5	+62 35	..	9.59	04	3	17	..
3778	33.5	+ 8 47	9.5	10.29	02	12	4	..
3984	33.5	+ 0 58	8.7	9.03	07	3	8	*04*
2095	33.6	+55 12	9.0	9.40	08	8	1	*39*
3026	33.6	+43 54	9.3	10.33	07	4	5	..
3779	33.6	+ 8 38	9.4	10.14	02	6	4	..
3824	33.7	+ 4 39	9.5	10.01	02	3	9	..
3781	33.8	+ 8 3	9.1	9.68	02	6	4	..
3783	33.9	+ 8 43	9.5	10.34	02r	12	4	..
3028	34.0	+43 50	9.5	10.52	07	4	5	..
..	34.1	+43 54	..	11.45	07	4	5	..
3029	34.1	+43 49	8.1	8.33	07	4	5	..
3638	34.2	+ 2 44	9.4	10.10	02	3	9	..
3267	34.3	+35 0	8.5	8.26	09	2	1	41
4537	34.4	− 4 54	9.0	9.60	10	3	1	10
3766	34.5	+ 3 42	9.4	9.87	02	3	9	..
..	34.5	+ 0 52	..	11.99	07	2	8	..
3989	34.5	+ 0 3	8.2	8.09	01	1	1	14
"	"	" "	"	8.03	01g	1	"	20
"	"	" "	"	8.30	02	4	"	*07*
"	"	" "	"	8.21	02g	4	"	02
3591	34.6	+25 10	9.2	9.40	06	4	1	11
5149	18 34.6	−14 51	8.9	9.40	08	3	1	*24*
"	"	" "	"	9.62	08b	3	"	*46*
..	34.7	+43 48	..	12.31	07	4	5	..
3031	34.7	+43 36	9.5	10.87	07	4	5	..
3317	34.7	+35 8	9.1	9.26	09	2	1	*09*
..	34.8	+43 51	..	12.78	07	4	5	..
..	34.8	+ 1 1	..	11.51	07	2	8	..
3791	34.9	+ 8 39	7.7	7.50	02	4	4	*44*
"	"	" "	"	7.19	02g	3	"	*13*
3742	34.9	+ 1 48	9.5	10.76	01	1	9	..
"	"	" "	"	10.88	02	2	"	..
2948	35.0	+44 58	8.5	8.74	07	4	1	08
..	35.0	+43 55	..	12.89	07	4	5	..
3798	35.0	+ 7 16	6.5	6.27	08b	4	12	09
"	"	" "	"	6.40	08c	4	"	*04*
..	35.0	+ 1 0	..	10.94	07	2	8	..
3035	35.1	+43 51	9.4	10.88	07	4	5	..
3793	35.1	+ 8 43	9.4	9.77	02	6	4	..
4675	35.4	− 8 49	7.8	7.34	10	6	7	..
..	35.5	+65 11	..	9.91	05	1	4	..
"	"	" "	"	10.30	05b	1	"	..
3036	35.5	+43 38	9.5	11.10	07	4	5	..
3991	35.7	+ 0 56	8.2	8.29	07	2	8	10
4548	35.7	− 4 11	8.8	8.90	10	4	7	..
1276	35.8	+64 59	8.2	8.49	05	4	1	*19*
"	"	" "	"	8.26	05b	2	"	04
"	"	" "	"	8.41	09	2	"	*11*
3049	35.9	+28 55	9.3	9.95	07	4	3	..
5232	36.0	−20 4	9.0	9.17	10	3	1	*14*
4551	36.1	− 4 8	9.7	11.32	10	4	7	..
4552	36.3	− 3 59	9.1	9.67	10	4	7	..
3050	36.5	+28 39	9.4	9.92	07	4	3	..
3805	36.5	+ 7 49	8.0	8.08	02r	5	4	..
..	36.5	+ 0 54	..	12.82	07	2	8	..
..	36.6	+ 0 53	..	11.34	07	2	8	..
..	36.7	+ 0 57	..	12.12	07	2	8	..
2636	36.8	+50 10	8.3	8.93	10	4	1	04
3254	36.8	+38 16	7.2	6.42	08b	3	12	06
"	"	" "	"	6.41	08c	3	"	07
4796	36.8	− 9 9	5.0	4.72	03b	3	13	02
"	"	" "	"	4.87	03c	3	"	*13*
..	36.9	+ 1 0	..	11.22	07	2	8	..
4555	36.9	− 4 4	9.7	11.10	10	4	7	..
4556	36.9	− 4 30	9.3	9.88	10	4	7	..
4664	36.9	− 7 26	7.3	6.57	10	6	7	55
3657	37.0	+ 2 38	9.4	10.10	01	1	9	..
"	"	" "	"	10.28	02	2	"	..
3452	37.1	+40 6	9.4	10.21	00	1	25	..
4557	37.1	− 4 54	8.8	9.33	10	3	1	*13*
3995	37.2	+ 0 3	8.7	8.59	08	3	18	49

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	18 37.2	+ 0 3	8.7	8.87	08b	3	18	21
4670	37.2	− 7 10	6.2	6.30	08b	3	12	*15*
"	"	" "	"	6.28	08c	3	"	*13*
..	37.3	+29 1	..	11.52	07	5	3	..
3758	37.5	+ 1 35	9.1	9.21	01	1	9	..
"	"	" "	"	9.46	02	2	"	..
4764	37.5	−10 6	8.7	9.00	06	1	1	06
"	"	" "	"	9.06	10	2	"	00
2640	37.6	+50 6	9.0	9.66	10	4	1	*04*
..	37.6	+28 55	..	9.44	07	4	3	..
4561	37.6	− 4 55	8.7	8.82	09	7	1	*02*
"	"	" "	"	8.91	10	3	"	*11*
2961	37.7	+44 52	8.6	8.88	07	4	1	*01*
..	37.7	+29 3	..	10.66	07	4	3	..
3056	37.7	+28 38	9.1	9.30	07	4	3	..
3999	37.8	+ 0 42	9.5	10.67	01	1	9	..
"	"	" "	"	11.07	02	2	"	..
4000	37.8	+ 0 54	9.3	9.80	07	2	8	..
4852	37.8	− 6 56	8.7	8.84	09	4	7	..
3332	37.9	+31 31	6.5	6.23	08b	3	12	24
"	"	" "	"	6.23	08c	3	"	24
..	37.9	+28 39	..	11.38	07	4	3	..
831	38.0	+73 12	7.0	7.57	08	2	19	*12*
"	"	" "	"	7.47	08b	2	"	*02*
..	38.0	+28 39	..	11.53	07	4	3	..
5244	38.0	−20 0	8.3	8.08	10	4	1	15
3930	38.1	+ 5 7	8.9	8.71	09	4	1	25
3847	38.1	+ 4 43	9.5	9.72	01	1	9	..
"	"	" "	"	10.09	02	3	"	..
3281	38.2	+34 56	9.0	9.52	09	2	1	10
3783	38.2	+ 3 36	9.4	9.90	01	1	9	..
"	"	" "	"	10.08	02	2	"	..
..	38.2	+ 0 52	..	11.55	07	2	8	..
1639	38.3	+62 34	9.3	9.52	06	2	17	..
"	"	" "	"	9.71	06b	2	"	..
"	"	" "	"	9.20	10	4	"	..
3236	38.5	+36 38	8.5	8.80	06	1	17	..
"	"	" "	"	8.72	06b	1	"	..
3284	38.5	+34 58	9.1	9.68	09	2	1	*11*
..	38.5	+28 42	..	11.51	07	4	3	..
3841	38.5	+ 9 3	8.1	8.36	02	7	5	..
3816	38.5	+ 8 56	8.1	8.16	02	7	5	..
4739	38.5	− 5 30	9.3	9.78	09	4	7	..
5146	38.5	−19 14	9.2	9.14	10	5	7	..
3047	38.6	+43 26	7.3	7.88	06	4	1	06
4740	38.6	− 5 37	9.8	10.98	09	4	7	..
5147	38.6	−19 34	9.5	10.08	10r	4	7	..
5083	38.7	−13 20	9.1	10.05	06	4	24	..
"	"	" "	"	10.57	07	4	"	..
3237	38.8	+36 46	8.8	8.91	06	4	17	..
	h. m.	° ′						
A	18 38.8	+36 46	8.8	9.16	06b	4	17	..
5149	38.8	−19 26	8.9	8.35	10	6	7	..
3064	39.0	+28 32	8.0	8.38	07	4	3	..
3858	39.0	+ 4 51	8.5	9.08	09	3	1	*08*
4742	39.0	− 4 59	9.1	9.89	09	4	7	..
4687	39.0	− 7 44	8.6	8.06	10	6	7	..
5085	39.0	−13 28	10	11.26	06	2	25	..
"	"	" "	"	11.79	07	2	"	..
..	39.1	+ 0 55	..	11.10	07	2	8	..
4689	39.1	− 7 13	8.2	7.26	06	4	24	..
"	"	" "	"	7.06	06b	4	"	..
"	"	" "	"	7.49	10r	5	7	..
1912	39.2	+59 47	9.5	9.83	08	4	20	..
3859	39.2	+ 4 54	8.5	8.90	09	4	1	00
3860	39.2	+ 4 50	8.2	8.17	08	4	1	*07*
"	"	" "	"	8.19	09	4	"	*09*
..	39.2	+ 1 0	..	12.18	07	2	8	..
..	39.3	+59 24	..	10.02	08	4	20	..
4743	39.3	− 5 11	9.5	10.44	09	4	7	..
5131	39.3	−21 7	6.8	6.60	08b	3	12	*25*
"	"	" "	"	6.59	08c	3	"	*24*
3610	39.4	+25 3	9.1	9.27	06	4	1	*16*
3341	39.5	+35 8	8.8	9.04	09	2	1	*07*
3824	39.5	+ 8 32	9.4	9.44	02	6	5	..
..	39.6	+32 43	..	11.95	07	2	7	..
"	"	" "	"	11.46	08	2	"	..
"	"	" "	"	12.33	09	4	"	..
3865	39.6	+ 4 56	9.0	9.18	08	4	1	*13*
"	"	" "	"	9.14	09	4	"	*09*
1913	39.7	+59 29	9.4	9.66	08	4	20	..
3827	39.8	+ 8 32	9.3	9.10	02	6	5	..
..	39.9	+32 48	..	12.12	07	2	7	..
"	"	" "	"	12.02	08	2	"	..
"	"	" "	"	12.00	09	3	"	..
3052	40.0	+43 30	9.5	10.46	06	4	4	..
4573	40.0	− 4 53	9.3	9.62	09	7	1	*42*
5153	40.0	−19 12	8.7	8.04	10r	5	7	..
3246	40.1	+36 28	6.4	6.14	08b	3	12	11
"	"	" "	"	5.99	08c	3	"	26
..	40.1	+32 50	..	10.95	09	4	7	..
4824	40.1	− 9 55	9.5	10.52	10	1	25	..
1642	40.2	+62 43	9.3	9.57	09	4	7	..
..	40.3	+32 42	..	10.94	07	2	7	..
"	"	" "	"	10.82	08	2	"	..
"	"	" "	"	11.13	09	4	"	..
..	40.4	+62 32	..	11.74	09	4	7	..
3053	40.4	+43 22	9.5	10.76	06	4	4	..
3826	40.4	+ 7 25	9.2	9.16	09	4	7	..
4788	40.4	−10 6	8.5	8.17	06	1	1	19
"	"	" "	"	8.22	10	4	"	14

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3832	18 40.5	+ 8 51	8.6	8.30	07	4	5	..
..	40.6	+32 45	..	11.39	07	2	7	..
“	“	“ “	“	11.38	08	2	“	..
1643	40.7	+62 52	9.5	10.37	09	4	7	..
..	40.7	+62 24	..	10.87	09	4	7	..
3829	40.7	+ 7 16	9.0	9.45	09	4	7	..
3298	40.8	+34 43	9.0	8.78	06	4	4	..
3519	40.8	+24 55	9.0	9.33	06	4	1	03
3833	40.8	+ 8 49	9.5	9.88	02	12	5	..
..	40.8	+ 7 11	..	10.72	09	4	7	..
1644	40.9	+62 52	8.5	8.48	09	4	7	..
3055	40.9	+43 22	8.5	9.41	06	4	4	..
3193	40.9	+32 52	9.2	9.70	09	4	7	..
3834	40.9	+ 8 51	8.7	8.97	02	6	5	02
“	“	“ “	“	8.74	07	4	“	25
3509	41.0	+39 34	4.3	4.67	04b	1	13	01
	41.0	+39 34						
“	“	“ “	“	4.51	04c	1	“	17
3300	41.0	+34 35	9.5	10.48	06	4	4	..
3836	41.0	+ 8 20	9.2	9.30	02	6	5	*56*
3837	41.0	+ 8 24	8.5	8.19	02	6	5	..
..	41.0	+ 7 14	..	12.15	09	2	7	..
4012	41.0	+ 0 40	9.5	10.67	01	1	9	..
“	“	“ “	“	10.85	02	2	“	..
..	41.1	+62 29	..	12.40	09	4	7	..
3056	41.1	+43 26	9.2	9.90	06	4	4	..
3510	41.1	+39 30	4.6	4.59	04b	1	13	*09*
	41.1	+39 30						
“	“	“ “	“	4.46	04c	1	“	04
3301	41.1	+34 39	8.7	9.06	06	4	4	..
..	41.1	+ 7 14	..	11.82	09	4	7	..
..	41.1	+ 7 10	..	12.01	09	4	7	..
4701	41.1	− 8 13	7.0	7.00	06	4	1	02
1914	41.2	+59 15	9.5	9.65	08	4	20	..
..	41.2	+34 29	..	11.76	06	4	4	..
3838	41.2	+ 8 43	9.5	9.82	02	12	5	..
3839	41.2	+ 8 7	9.5	10.25	07	4	5	..
3875	41.2	+ 4 56	9.3	9.26	01	1	9	..
“	“	“ “	“	9.38	02	2	“	..
1286	41.3	+65 14	8.5	9.06	05	2	4	..
“	“	“ “	“	8.78	05b	2	“	..
3222	41.3	+37 30	4.5	4.44	04b	1	13	*15*
“	“	“ “	“	5.05	04c	1	“	*76*
3223	41.3	+37 30	5.5	5.75	04b	1	13	12
“	“	“ “	“	6.14	04c	1	“	*27*
..	41.3	+32 41	..	10.88	09	4	7	..
3550	41.3	+21 53	6.9	6.29	08b	5	12	10
“	“	“ “	“	6.33	08c	3	“	06
..	41.4	+43 26	..	11.01	06	4	4	..
..	41.4	+34 27	..	11.24	06	4	4	..
	h. m.	° ′						
..	18 41.4	+32 39	..	10.40	09	4	7	..
3926	41.4	+20 27	4.1	4.12	04b	1	13	14
“	“	“ “	“	4.31	04c	3	“	*05*
“	“	“ “	“	4.22	04d	2	“	04
3948	41.4	+ 5 3	8.0	7.80	08	4	1	01
3677	41.4	+ 2 47	9.0	8.24	01	1	25	..
1287	41.5	+65 12	9.0	9.76	05	1	1	*36*
“	“	“ “	“	9.64	05b	1	“	*24*
“	“	“ “	“	9.46	09	2	“	*06*
..	41.5	+62 32	..	12.46	09	4	7	..
3302	41.5	+34 55	7.0	7.08	06	4	1	04
“	“	“ “	“	7.34	08	2	7	*22*
3303	41.5	+34 30	9.2	9.15	06	4	4	..
3289	41.5	+30 7	8.7	8.48	07	4	1	08
3680	41.5	+ 2 48	9.4	10.61	02	4	9	..
4700	41.5	− 7 41	7.4	7.22	06	4	1	*06*
3058	41.6	+43 44	7.3	7.76	06	4	1	*10*
..	41.6	+43 31	..	11.52	06	4	4	..
3304	41.6	+34 28	8.8	8.86	06	4	4	..
3878	41.6	+ 4 55	8.5	8.57	08	4	1	18
3681	41.6	+ 2 46	9.1	9.37	02	1	9	..
3195	41.7	+32 39	9.3	9.61	07	2	7	..
“	“	“ “	“	9.45	08	2	“	..
“	“	“ “	“	9.93	09	3	“	..
3797	41.7	+ 3 43	9.4	9.41	01	1	9	..
“	“	“ “	“	9.65	02	3	“	..
1915	41.8	+59 29	8.9	8.87	08	4	20	*11*
3060	41.8	+43 28	8.2	8.86	06	4	4	..
..	41.8	+34 30	..	10.51	06	4	4	..
5267	41.8	−19 58	8.7	8.33	10	4	1	10
1916	41.9	+59 36	9.4	9.68	08	4	20	..
3308	41.9	+34 24	9.0	9.11	06	4	4	..
4582	41.9	− 4 51	4.5	4.37	03b	3	13	10
“	“	“ “	“	4.17	03c	3	“	30
3349	42.0	+26 34	4.9	4.82	04b	2	13	10
“	“	“ “	“	4.91	04c	3	“	01
“	“	“ “	“	4.84	04d	1	“	08
3836	42.0	+ 7 12	8.8	8.82	09	2	7	..
5268	42.0	−20 22	7.0	6.83	10	4	7	04
2987	42.1	+44 57	9.0	9.49	07	4	1	08
3062	42.1	+43 20	8.5	8.96	06	4	4	..
3309	42.1	+34 34	9.5	10.28	06	4	4	..
3933	42.1	+ 7 2	9.4	10.07	09	2	7	..
3779	42.1	+ 1 36	9.5	10.40	01	1	25	..
3310	42.2	+34 25	7.3	7.14	06	4	1	*23*
3780	42.2	+ 1 30	9.3	9.98	02	4	9	..
2111	42.3	+55 10	9.2	9.22	08	6	1	14
3817	42.3	+18 36	6.4	6.17	08b	4	12	10
“	“	“ “	“	6.40	08c	4	“	*13*
4804	42.5	−10 15	8.5	8.62	10	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3823	18 42.6	+18 4	4.1	4.34	04c	2	13	03	3891	18 45.1	+ 4 55	9.4	10.16	02	3	9	. .
"	"	" "	"	4.44	04d	1	"	*07*	3692	45.1	+ 2 47	9.5	11.09	02	3	9	. .
5170	42.6	−19 48	8.8	8.43	10	4	1	25	5286	45.1	−20 25	7.8	6.65	10	4	7	27
2033	42.7	+54 54	9.0	9.07	08	4	1	04	4738	45.2	− 7 48	10	10.18	06	4	3	. .
3312	42.8	+34 53	9.0	8.98	06	4	1	*56*	4739	45.2	− 7 57	8.3	8.28	06	4	3	. .
3481	42.9	+40 10	8.7	8.86	06r	3	1	*14*	"	"	" "	"	8.43	08	3	18	. .
3536	42.9	+24 57	8.9	8.97	06	4	1	04	"	"	" "	"	8.28	08b	3	"	. .
5079	42.9	−18 42	7.0	6.83	08b	3	12	*37*	5287	45.2	−20 16	9.1	9.02	10	4	7	. .
"	"	" "	"	6.82	08c	3	"	*36*	3678	45.3	+10 30	8.4	8.06	04	4	16	09
4768	43.1	− 5 2	8.3	8.93	09	7	1	07	3679	45.3	+10 13	9.5	9.96	04	4	16	. .
1645	43.2	+62 53	8.2	8.31	09	4	7	. .	4778	45.3	− 5 4	8.4	8.43	09	7	1	17
3662	43.3	+10 16	8.7	8.42	04	2	1	30	4729	45.4	− 8 6	8.8	9.00	06	4	3	. .
"	"	" "	"	8.64	04b	2	"	08	4731	45.5	− 8 11	9.2	9.53	06	4	3	. .
"	"	" "	"	8.58	07	4	"	14	4858	45.5	− 9 57	9.0	9.07	06	3	1	*16*
3853	43.3	+ 8 35	9.0	8.82	02	6	5	. .	"	"	" "	"	9.00	10	8	"	*09*
3072	43.4	+43 27	7.0	7.27	06	4	1	31	3539	45.6	+39 57	7.9	8.80	06r	3	1	*23*
4810	43.4	−10 35	9.9	11.97	10	4	7	. .	3811	45.6	+ 3 36	9.4	9.70	02	3	9	. .
1918	43.6	+59 20	8.7	8.48	09	4	20	. .	4732	45.7	− 8 3	8.2	8.21	04	3	17	. .
4714	43.6	− 8 34	7.5	7.72	06	4	1	*08*	"	"	" "	"	7.98	04b	3	"	. .
4813	43.7	−10 56	9.3	10.02	10	4	7	. .	"	"	" "	"	8.22	06	10	R	. .
4815	43.7	−10 3	8.7	8.54	06	2	1	*18*	"	"	" "	"	8.28	06b	2	17	. .
"	"	" "	"	8.54	10	8	7	*18*	4733	45.7	− 8 7	7.2	7.41	06	4	1	*04*
3667	43.8	+10 4	8.6	8.66	04	2	1	11	14772	45.7	−24 46	8.0	8.24	10	2	1	*04*
"	"	" "	"	8.68	04b	2	"	09	3373	46.0	+31 31	7.0	6.56	08b	3	12	*06*
"	"	" "	"	8.81	07	4	"	*04*	"	"	" "	"	6.35	08c	3	"	15
4717	43.8	− 8 25	7.0	7.10	06	4	1	16	3683	46.0	+10 32	9.0	8.62	04	4	16	. .
4817	43.8	−10 20	9.0	9.29	10	5	7	. .	3685	46.0	+10 52	6.7	6.50	08b	6	12	13
4818	43.8	−10 50	9.7	10.13	10	4	7	. .	"	"	" "	"	6.50	08c	3	"	13
5182	43.8	−19 15	7.1	7.11	08b	3	12	*69*	*4735*	46.0	− 7 57	9.4	9.72	06	4	3	. .
"	"	" "	"	7.09	08c	3	"	*67*	3686	46.1	+10 26	9.5	10.02	04	4	16	. .
4026	43.9	+ 0 11	8.5	8.85	01	1	1	03	. .	46.1	+10 17	. .	11.96	04	6	16	. .
"	"	" "	"	9.00	01g	1	"	*12*	2779	46.2	+45 11	8.3	8.61	08r	3	18	01
"	"	" "	"	8.86	02	3	"	02	"	"	" "	"	8.75	08b	3	"	*13*
"	"	" "	"	9.09	02g	3	"	*21*	. .	46.2	+10 17	. .	11.77	04	6	16	. .
5278	43.9	−20 7	8.3	8.13	10	4	7	. .	4863	46.2	− 9 52	8.7	8.84	06	3	1	32
4819	44.0	−10 30	7.8	7.48	10	4	7	. .	"	"	" "	"	9.01	08	3	"	15
4726	44.1	− 7 41	8.0	8.18	06	4	3	. .	"	"	" "	"	9.39	08b	3	"	*23*
5184	44.1	−19 51	9.2	9.38	10r	7	1	*30*	"	"	" "	"	8.68	10	8	"	48
3301	44.3	+30 6	8.8	8.92	07	4	1	*01*	13498	46.2	−25 6	9.6	10.04	10	2	1	11
1919	44.4	+59 27	7.8	7.69	08	4	20	. .	3690	46.3	+10 20	9.3	9.56	04	10	16	. .
4721	44.4	− 8 18	8.5	8.72	06	4	3	. .	4036	46.3	+ 0 49	9.3	10.27	02	3	9	. .
4730	44.5	− 7 46	9.3	9.40	06	4	3	. .	. .	46.4	+10 21	. .	11.92	04	6	16	. .
1921	44.6	+59 35	7.3	7.34	08	4	20	*03*	. .	46.4	+10 14	. .	10.53	04	6	16	. .
4775	44.7	− 5 4	8.3	8.53	09	7	1	12	3224	46.5	+33 14	8.5	7.27	01	6	25	51
4732	44.8	− 7 42	9.5	10.13	06	4	3	. .	"	"	" "	"	7.35	01g	6	"	43
5282	44.8	−20 45	8.8	9.14	10	4	7	. .	3797	46.5	+ 1 47	9.5	10.59	02	3	9	. .
5119	44.9	−13 41	6.5	6.42	06	2	1	09	. .	46.6	+10 20	. .	12.40	04	6	16	. .
3676	45.0	+10 6	9.0	9.56	04	4	16	*14*	5306	46.6	−20 6	8.3	7.93	10	3	1	25
"	"	" "	"	9.43	04b	2	"	*01*	3321	46.8	+30 11	8.4	8.35	07	4	1	*14*
"	"	" "	"	9.51	07	4	1	*09*	3897	46.8	+ 4 56	8.9	9.19	01	1	1	*34*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	18 46.8	+ 4 56	8.9	8.85	01g	1	1	00
"	"	" "	"	8.85	02	4	"	00
"	"	" "	"	9.17	02g	4	"	*32*
"	"	" "	"	8.81	08	4	"	04
13505	46.8	−25 0	9.0	9.80	10	2	1	*05*
3699	46.9	+10 12	9.0	9.06	04	2	1	*17*
"	"	" "	"	9.12	04b	2	"	*23*
3702	47.0	+10 31	9.4	9.88	04	4	16	. .
5194	47.0	−12 29	8.8	9.54	06	4	5	. .
5201	47.1	−19 47	8.7	8.38	10	4	1	28
3703	47.2	+10 39	8.3	8.01	04	4	16	. .
4397	47.2	− 3 51	7.2	7.54	08	3	18	*26*
"	"	" "	"	7.59	08b	3	"	*31*
3324	47.3	+30 5	9.0	9.14	07	4	1	07
5196	47.3	−12 29	9.5	11.06	06	4	5	. .
5204	47.4	−19 55	8.8	8.84	10	4	1	*31*
5206	47.6	−19 52	9.2	9.20	10	4	1	*27*
3104	47.7	+28 39	6.5	6.31	08b	3	12	12
"	"	" "	"	6.14	08c	3	"	29
5198	47.7	−12 42	8.9	9.30	02	9	25	. .
"	"	" "	"	9.44	02g	8	"	. .
"	"	" "	"	9.60	06	4	5	. .
3371	47.8	+29 59	8.5	8.31	07	4	1	00
5199	47.9	−12 37	9.4	10.64	06	4	5	. .
3706	48.0	+10 7	8.2	8.14	04	5	16	03
"	"	" "	"	8.09	04b	2	"	08
5200	48.0	−12 57	9.8	11.64	06	3	5	. .
3295	48.1	+36 25	6.3	6.10	08b	3	12	*09*
"	"	" "	"	6.17	08c	3	"	*16*
4907	48.1	−22 52	6.0	4.83	03b	3	13	13
"	"	" "	"	5.10	03c	3	"	*14*
14820	48.4	−24 50	8.5	8.58	10	2	1	07
3709	48.5	+10 3	8.1	8.00	04	6	16	*03*
4755	48.8	− 8 15	9.7	9.84	07	1	3	. .
. .	48.8	−12 43	. .	12.08	06	4	5	. .
5143	48.8	−13 8	8.5	9.18	06	4	5	. .
5203	48.9	−12 30	9.6	11.16	06	4	5	. .
. .	48.9	−12 41	. .	11.68	06	2	5	. .
4758	49.1	− 8 17	9.8	10.34	07	4	3	. .
4859	49.1	−10 4	9.0	9.32	10	4	1	14
2783	49.2	+45 7	8.4	8.63	07	4	1	09
3906	49.2	+ 4 42	9.5	10.59	02	3	9	. .
3830	49.4	+ 3 51	9.3	9.31	02	3	9	. .
. .	49.5	− 8 14	. .	11.18	07	4	3	. .
3008	49.6	+45 1	9.1	9.42	07	4	1	*25*
5204	49.6	−12 52	9.2	10.42	06	4	5	. .
1925	49.7	+59 16	4.3	4.75	05c	3	13	03
"	"	" "	"	4.67	05d	3	"	11
4051	49.8	+ 1 0	7.6	7.54	07	2	8	10
14839	49.8	−24 54	9.0	9.30	10	2	1	25
	h. m.	° ′						
. .	18 49.9	+32 49	. .	10.94	06	4	4	. .
4870	50.0	−10 5	8.8	8.64	10	4	1	22
5154	50.0	−13 11	8.7	9.42	06	4	5	. .
13544	50.0	−25 3	9.1	9.14	10	1	1	*04*
. .	50.1	+32 44	. .	10.94	06	4	4	. .
. .	50.1	+32 36	. .	11.42	06	4	4	. .
. .	50.1	− 8 18	. .	11.38	07	4	3	. .
. .	50.2	+32 40	. .	10.95	06	4	4	. .
3819	50.2	+ 1 32	9.5	10.76	02	3	9	. .
. .	50.3	+35 12	. .	8.89	06	6	4	. .
3723	50.3	+ 2 43	9.3	9.98	02	4	9	. .
4765	50.3	− 8 18	9.5	10.43	07	4	3	. .
4766	50.3	− 8 20	9.2	9.06	07	4	3	. .
3400	50.4	+35 9	8.9	9.26	06	6	1	14
. .	50.4	+32 46	. .	11.37	06	4	4	. .
. .	50.4	+32 41	. .	11.88	06	4	4	. .
4053	50.4	+ 0 41	9.3	10.09	02	4	9	. .
. .	50.4	− 8 31	. .	11.09	07	3	3	. .
. .	50.5	+32 43	. .	12.51	06	5	4	. .
3524	50.5	+22 32	5.0	4.18	04b	2	13	38
"	"	" "	"	4.67	04c	3	"	*11*
"	"	" "	"	4.86	04d	1	"	*30*
4768	50.5	− 8 12	9.4	9.20	07	4	3	. .
4770	50.6	− 8 13	9.4	8.89	07	4	3	. .
2686	50.7	+50 35	5.2	4.93	05b	3	13	04
"	"	" "	"	5.04	05c	3	"	*07*
4818	50.8	−11 27	7.2	7.09	06	4	1	10
1301	50.9	+65 6	8.4	9.02	05	1	1	*12*
"	"	" "	"	8.85	05b	1	"	05
"	"	" "	"	8.68	09	2	"	22
3174	50.9	+41 6	7.1	7.26	08b	3	12	04
"	"	" "	"	7.19	08c	3	"	11
3319	51.0	+36 47	4.5	4.37	04b	2	13	15
"	"	" "	"	4.48	04c	2	"	04
. .	51.1	− 8 12	. .	10.60	07	4	3	. .
4773	51.1	− 8 22	9.0	9.04	07	4	3	. .
3916	51.2	+ 4 4	4.0	4.39	02i	3	9	11
"	"	" "	"	4.54	04b	3	13	*04*
"	"	" "	"	4.53	04c	3	"	*03*
3917	51.2	+ 4 4	4.3	4.49	02i	3	9	88
"	"	" "	"	4.76	04b	3	13	61
"	"	" "	"	4.84	04c	3	"	53
3351	51.4	+34 58	9.0	9.24	06	8	1	08
3730	51.4	+ 2 21	7.0	6.02	08b	4	12	26
"	"	" "	"	6.13	08c	4	"	15
3253	51.5	+32 28	7.4	7.61	06	4	4	*13*
4879	51.6	−10 5	9.1	9.42	07	4	1	*11*
"	"	" "	"	9.58	10	4	"	*27*
3778	51.7	+17 52	7.0	6.46	08b	5	12	*05*
"	"	" "	"	6.61	08c	3	"	*20*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
5162	18 51.8	−13 14	7.8	8.38	06	4	5	..
5201	51.8	−21 14	4.0	3.52	03c	3	13	09
“	“	“ “	“	3.78	03d	3	“	*17*
4818	51.9	− 5 2	8.9	9.70	05	2	1	*15*
14893	51.9	−23 45	9.4	9.97	10	4	7	..
1915	52.1	+57 20	6.3	6.29	08b	3	12	12
“	“	“ “	“	6.36	08c	3	“	05
5218	52.1	−12 56	8.3	9.05	06	4	5	..
4920	52.2	− 9 55	8.5	8.44	07	4	1	22
14895	52.2	−23 52	9.5	10.40	10	4	7	..
3987	52.3	+ 5 53	8.4	8.13	08	4	20	..
3739	52.3	+ 2 55	9.5	10.51	02	3	9	..
4928	52.4	−22 40	7.0	6.49	08b	3	12	*45*
“	“	“ “	“	6.35	08c	3	“	*31*
4064	52.5	+ 0 18	9.2	8.59	06	2	24	..
“	“	“ “	“	9.00	06b	2	“	..
“	“	“ “	“	8.88	07	4	“	..
14902	52.5	−23 55	9.5	10.60	10	4	7	..
14905	52.6	−23 31	9.8	9.92	10	4	7	..
604	52.7	+79 50	6.5	6.29	08b	3	12	04
“	“	“ “	“	6.43	08c	3	“	*10*
4822	52.7	− 5 7	9.1	10.10	05	2	1	*20*
1304	52.8	+65 4	9.0	9.48	09	2	1	*13*
3989	52.8	+ 5 48	9.1	9.40	08	4	20	..
3931	52.8	+ 4 51	9.4	9.44	02	3	9	..
4926	52.8	− 9 53	9.1	9.40	07	4	1	11
4067	52.9	+ 0 16	9.5	11.19	07	2	25	..
3017	53.0	+44 5	7.1	6.99	01	6	25	*05*
“	“	“ “	“	6.74	01g	6	“	20
3990	53.0	+ 5 37	9.4	9.78	08	4	20	..
3991	53.0	+ 5 58	9.1	9.46	08	4	20	..
5242	53.0	−14 54	8.5	8.27	02	6	1	02
“	“	“ “	“	8.35	02g	7	“	*06*
3993	53.1	+ 5 49	9.3	9.14	08	4	20	..
3994	53.2	+ 5 51	9.3	9.46	08	4	20	..
5228	53.4	−12 43	6.9	7.19	06	4	1	*23*
14921	53.4	−23 24	8.1	8.18	10	4	7	..
3989	53.5	+ 6 7	6.8	6.17	08b	4	12	21
“	“	“ “	“	6.26	08c	4	“	12
3996	53.5	+ 5 36	8.8	8.62	08	4	20	..
3417	53.6	+35 7	9.2	9.24	06	4	4	08
3854	53.6	+ 3 34	9.5	10.24	02	3	9	..
5155	53.6	−18 42	7.0	6.79	08b	3	12	*45*
“	“	“ “	“	6.75	08c	3	“	*41*
14922	53.6	−23 50	9.1	9.55	10	3	7	..
4935	53.7	− 9 7	7.5	7.52	05	2	1	*10*
“	“	“ “	“	7.54	05b	1	“	*12*
3414	53.8	+31 29	9.3	9.06	02	1	10	..
3998	53.9	+ 5 59	8.6	8.78	08	4	20	..
5248	54.2	−14 49	9.0	9.08	02	6	1	08
	h. m.	° ′						
A	18 54.2	−14 49	9.0	9.23	02g	6	1	*07*
“	“	“ “	“	9.30	05	3	“	*14*
“	“	“ “	“	9.47	05b	3	“	*31*
“	“	“ “	“	9.48	06	2	“	*32*
“	“	“ “	“	9.66	06b	2	“	*50*
4073	54.3	+ 0 46	9.3	9.94	02	3	9	..
4656	54.5	− 4 50	9.5	10.70	05	6	3	..
4005	54.7	+ 5 43	9.0	9.05	08	4	20	..
3847	54.7	+ 1 33	9.5	10.30	02	3	9	..
3375	54.9	+35 0	8.6	8.75	02	1	10	*01*
“	“	“ “	“	8.76	02g	1	“	*02*
“	“	“ “	“	8.68	06	4	4	06
380	54.9	−22 57	9.1	9.64	07r	4	3	..
5240	55.0	−12 46	9.5	10.07	05	4	3	..
4809	55.1	− 7 32	7.4	7.50	05	2	1	12
“	“	“ “	“	7.59	05b	1	“	03
3286	55.2	+32 33	3.2	3.43	02i	1	10	*13*
“	“	“ “	“	3.67	04b	1	13	*37*
“	“	“ “	“	3.25	04c	3	“	05
“	“	“ “	“	3.14	04d	2	“	16
4945	55.2	− 9 54	9.5	9.93	07	4	1	*17*
3379	55.3	+34 40	9.4	9.96	07	4	4	..
3380	55.4	+34 44	9.5	10.03	07	4	4	..
5242	55.4	−12 44	9.3	9.62	05	4	3	..
..	55.4	−12 50	..	10.76	05	4	3	..
5183	55.5	−13 8	9.0	8.88	05	4	3	..
“	“	“ “	“	9.06	07	4	3	..
915	55.6	+71 10	5.3	4.80	05b	1	13	11
“	“	“ “	“	5.17	05c	4	“	*26*
“	“	“ “	“	5.02	05d	3	“	*11*
3382	55.6	+34 40	9.5	10.41	07	4	4	..
3626	55.6	− 0 36	7.4	7.43	08	3	18	*21*
“	“	“ “	“	7.07	08b	3	“	15
5185	55.6	−13 29	9.0	8.94	07	4	3	..
4946	55.6	−22 50	6.5	6.68	08b	3	12	*34*
“	“	“ “	“	6.93	08c	3	“	*59*
..	55.7	+34 46	..	11.74	07	4	4	..
3549	55.7	+22 40	6.5	6.38	08b	6	12	03
“	“	“ “	“	6.43	08c	6	“	*02*
3651	55.7	+15 13	8.5	8.92	05	3	1	02
“	“	“ “	“	8.93	05b	3	“	01
“	“	“ “	“	9.03	06	3	“	*09*
“	“	“ “	“	8.96	06b	3	“	*02*
4836	55.7	− 5 40	8.3	8.32	02	7	5	..
..	55.7	−13 25	..	12.12	07	4	3	..
1849	55.8	+58 4	6.6	6.18	08b	3	12	13
“	“	“ “	“	6.40	08c	3	“	*09*
..	55.8	+34 46	..	10.84	07	4	4	..
..	55.8	−12 45	..	11.44	05	4	3	..
..	55.8	−12 48	..	12.42	05	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
. .	18 55.8	−12 53	. .	11.09	05	4	3	. .	. .	18 57.0	− 4 29	. .	12.77	05	6	3	. .
14967	55.8	−23 0	9.1	9.10	07	4	3	. .	5197	57.0	−13 18	8.9	9.23	01	2	25	. .
4663	55.9	− 4 34	6.8	6.68	05	2	3	42	“	“	“ “	“	9.44	01g	2	“	. .
“	“	“ “	“	7.10	05b	1	“	00	“	“	“ “	“	9.52	07	4	3	. .
3945	56.0	+ 5 3	8.8	8.83	01	1	1	00	14988	57.0	−23 6	9.6	10.39	07	4	3	. .
“	“	“ “	“	8.59	01g	1	“	24	3555	57.1	+40 33	6.9	6.46	08b	3	12	31
“	“	“ “	“	8.66	02	4	“	17	“	“	“ “	“	6.64	08c	3	“	13
“	“	“ “	“	8.81	02g	4	“	02	4084	57.2	+ 0 40	9.5	10.24	01	1	9	. .
“	“	“ “	“	8.87	08	3	“	*04*	“	“	“ “	“	10.07	02	2	“	. .
“	“	“ “	“	8.87	08b	3	“	*04*	5200	57.2	−13 18	9.0	9.59	01	6	25	*21*
3872	56.1	+ 3 45	9.5	10.24	02	3	9	. .	“	“	“ “	“	9.55	01g	6	“	*17*
4665	56.1	− 4 48	8.8	9.30	05	5	3	10	“	“	“ “	“	9.72	07	4	3	*34*
3653	56.2	+15 9	8.4	8.16	05	3	1	*02*	3287	57.3	+33 40	6.8	6.05	08b	3	12	10
“	“	“ “	“	8.01	05b	3	“	13	“	“	“ “	“	6.08	08c	3	“	07
“	“	“ “	“	8.21	06	3	“	*07*	*4844*	57.4	− 4 56	9.0	9.62	05	3	3	*12*
“	“	“ “	“	8.05	06b	3	“	09	4829	57.4	− 7 52	7.5	7.94	05	2	1	06
3754	56.2	+ 2 42	9.5	11.01	02	3	9	. .	“	“	“ “	“	7.96	05b	2	“	04
4839	56.2	− 5 6	9.1	9.84	05	6	3	. .	5199	57.4	−15 1	8.3	8.32	05	3	1	*21*
. .	56.2	−13 35	. .	11.48	07	4	3	. .	“	“	“ “	“	7.83	05b	3	“	28
1669	56.3	+62 16	6.1	6.54	08b	3	12	*10*	“	“	“ “	“	8.47	06	2	“	*36*
“	“	“ “	“	6.53	08c	3	“	*09*	“	“	“ “	“	8.22	06b	2	“	*11*
3385	56.3	+34 48	9.4	10.26	07	4	4	. .	13559	57.4	−22 48	10	11.69	07	2	3	. .
4840	56.3	− 5 53	4.7	3.99	03b	2	13	16	14998	57.4	−23 3	9.5	9.61	07	4	3	. .
“	“	“ “	“	4.05	03c	3	“	10	3764	57.5	+10 7	9.5	10.38	07	6	24	. .
“	“	“ “	“	3.97	03d	2	“	18	4845	57.5	− 5 40	8.1	8.00	02	6	5	. .
5191	56.3	−13 4	9.4	10.02	05	8	3	. .	4846	57.5	− 5 51	8.9	8.65	02	6	5	. .
4951	56.3	−22 36	9.5	9.95	07r	4	3	. .	5202	57.5	−13 33	9.5	9.88	07	4	3	. .
3948	56.5	+ 4 8	8.6	8.61	08	3	18	. .	4957	57.5	−22 42	9.4	11.14	07r	2	3	. .
“	“	“ “	“	8.71	08b	3	“	. .	3309	57.6	+37 26	9.5	10.60	06	4	4	. .
3949	56.5	+ 4 44	9.3	9.53	02	3	9	. .	. .	57.6	+37 22	. .	11.82	06	4	4	. .
. .	56.5	−12 48	. . .	11.89	05	4	3	. .	. .	57.6	+37 19	. .	12.00	06	4	4	. .
5193	56.5	−13 16	9.5	9.78	01	5	25	. .	3561	57.6	+22 8	6.5	6.35	08b	6	12	02
“	“	“ “	“	10.13	01g	5	“	. .	“	“	“ “	“	6.31	08c	4	“	06
“	“	“ “	“	10.10	07	4	3	. .	3951	57.6	+ 8 14	6.5	5.97	01g	6	4	65
. .	56.5	−13 31	. .	10.82	07	4	3	. .	4852	57.7	−11 20	6.7	7.10	05	2	1	*08*
3387	56.6	+34 39	8.9	8.75	07	4	4	. .	“	“	“ “	“	7.02	05b	2	“	00
3388	56.6	+34 53	9.1	9.66	07	4	4	. .	5259	57.7	−12 51	7.5	7.54	05	2	1	*01*
4668	56.6	− 4 28	8.5	9.34	05	10	3	. .	“	“	“ “	“	7.54	05b	2	“	*01*
. .	56.6	− 4 34	. .	12.18	05r	6	3	. .	13564	57.7	−22 52	10	11.16	07	2	3	. .
. .	56.6	− 4 34	. .	11.28	05	6	3	. .	4675	57.8	− 4 32	9.1	9.97	05	4	3	. .
5247	56.6	−12 55	9.0	9.11	05	4	3	. .	4847	57.9	− 5 53	9.8	10.99	02	12	5	. .
5194	56.6	−13 24	7.8	7.99	07	4	3	. .	. .	58.0	+37 24	. .	11.80	06	4	4	. .
5195	56.6	−13 2	9.2	9.40	05	4	3	. .	3311	58.0	+37 21	9.5	10.19	06	4	4	. .
3389	56.7	+34 44	9.1	9.56	02	1	10	. .	. .	58.0	+37 20	. .	12.60	06	4	4	. .
“	“	“ “	“	9.73	07	4	4	. .	3768	58.2	+10 19	7.8	8.30	00	2	1	02
. .	56.7	− 4 29	. .	11.53	05	6	3	. .	3863	58.2	+ 1 22	9.5	10.50	01	1	9	. .
. .	56.7	− 4 44	. .	10.69	05	6	3	. .	“	“	“ “	“	10.38	02	2	“	. .
5251	56.7	−12 48	9.0	9.46	05	4	3	. .	4973	58.2	− 9 44	9.4	10.77	99	1	25	. .
. .	57.0	+37 25	. .	11.17	06	4	4	. .	4960	58.2	−22 34	9.5	10.41	07r	4	3	. .
3759	57.0	+10 7	9.5	10.49	07	3	25	. .	4961	58.2	−22 42	8.7	8.51	07r	4	3	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
13576	18 58.3	−22 42	10	11.70	07	2	3	..	..	18 59.9	+15 11	..	10.56	05	6	11	..
..	58.3	−22 52	..	12.22	07	4	3	..	..	59.9	+15 4	..	12.92	05	7	11	..
4677	58.4	− 4 40	9.2	10.16	05	5	3	..	..	59.9	+15 2	..	12.09	05	6	11	..
5277	58.6	−14 28	8.5	8.32	05	6	11	..	1936	19 0.0	+59 55	9.0	9.16	09	4	1	15
4678	58.7	− 4 28	9.5	10.99	05	9	24	..	*3406*	0.0	+35 4	9.2	9.55	06	2	1	*23*
“	“	“ “	“	11.24	07	4	“	..	“	“	“ “	“	9.55	07	4	“	*23*
4854	58.7	− 5 35	8.8	9.03	02	6	5	..	4687	0.0	− 4 41	9.2	10.04	05	5	3	..
5237	58.7	−21 53	4.2	4.12	03b	1	13	*22*	..	0.0	−14 54	..	12.46	05	6	11	..
“	“	“ “	“	3.99	03c	3	“	*09*	..	0.0	−14 57	..	12.02	05	6	11	..
“	“	“ “	“	3.92	03d	2	“	*02*	*3460*	0.1	+30 1	8.9	9.23	08	3	18	*27*
13695	58.7	−24 58	8.3	8.42	07	4	1	18	“	“	“ “	“	9.47	08b	3	“	*51*
“	“	“ “	“	8.51	10r	9	“	09	3680	0.1	+15 9	9.5	10.96	05	6	11	..
4856	58.8	− 5 34	9.4	10.38	02	6	5	..	3960	0.1	+ 8 20	8.4	7.97	01	6	4	54
..	58.9	+37 21	..	10.92	06	4	4	..	3642	0.1	− 1 40	6.5	6.63	08b	3	12	*18*
4857	58.9	− 5 24	9.1	9.71	02	6	5	..	“	“	“ “	“	6.52	08c	3	“	*07*
14986	58.9	−24 49	8.3	8.27	07	4	1	*15*	..	0.1	−14 58	..	12.66	05	6	11	..
13700	58.9	−25 4	8.5	8.58	10	9	1	17	..	0.1	−15 0	..	12.81	05	6	11	..
3870	59.0	+ 1 21	9.2	9.13	07	4	7	..	3961	0.2	+ 8 4	9.0	8.64	01	6	4	61
3882	59.1	+ 3 11	6.8	6.65	08b	3	12	*15*	..	0.2	−14 56	..	12.01	05	6	11	..
“	“	“ “	“	6.69	08c	3	“	*19*	3681	0.3	+15 16	8.9	9.07	05	6	11	..
3871	59.1	+ 1 15	9.3	9.68	07	4	7	..	5281	0.3	−14 48	8.0	7.75	05	3	1	25
4859	59.1	− 5 53	9.7	11.41	02	12	5	..	“	“	“ “	“	7.89	05b	3	“	11
4021	59.2	+ 5 6	8.3	8.37	00	3	1	*16*	“	“	“ “	“	7.84	07	3	“	16
3872	59.2	+ 1 13	9.5	10.10	07	4	7	..	“	“	“ “	“	7.74	07b	3	“	26
3456	59.4	+35 8	8.9	9.92	06	2	1	*40*	3782	0.4	+10 16	9.0	8.86	00	2	1	*04*
“	“	“ “	“	9.82	07	4	“	*30*	3881	0.4	+ 1 4	9.2	9.50	07	4	7	..
3648	59.4	+21 7	6.7	6.67	08b	5	12	*17*	5226	0.4	−15 1	9.0	8.91	05	6	1	*10*
“	“	“ “	“	6.56	08c	3	“	*06*	“	“	“ “	“	8.97	05b	6	“	*16*
..	59.4	+15 6	..	11.74	05	6	11	..	“	“	“ “	“	8.89	06	3	“	*08*
..	59.4	+15 5	..	12.27	05	6	11	..	“	“	“ “	“	8.89	06b	3	“	*08*
..	59.5	+15 2	..	12.60	05	6	11	..	5227	0.4	−15 7	9.8	10.21	05	6	11	..
3766	59.5	+14 13	8.6	8.91	05	6	11	..	2716	0.5	+50 6	8.9	9.16	08	6	1	01
3767	59.5	+14 32	9.0	9.06	05	6	11	..	3952	0.5	+ 7 45	9.4	10.13	01	7	4	..
3768	59.5	+14 38	8.1	8.48	05	6	11	..	5228	0.5	−15 18	8.8	8.94	05	6	11	..
3676	59.6	+15 6	9.5	11.04	05	12	11	..	“	“	“ “	“	8.83	06	1	“	..
3771	59.6	+14 57	7.6	7.60	05	3	1	*01*	“	“	“ “	“	8.72	06b	1	“	..
“	“	“ “	“	7.64	05b	3	“	*05*	1858	0.6	+58 29	9.5	9.84	09	4	7	..
“	“	“ “	“	7.40	06	3	“	19	..	0.6	+ 7 55	..	12.16	00	7	4	..
“	“	“ “	“	7.49	06b	3	“	10	5229	0.6	−15 21	9.5	10.10	05	6	11	..
5218	59.6	−14 58	10	11.00	05	6	11	..	“	“	“ “	“	10.43	06	1	“	..
3772	59.7	+14 39	9.3	9.69	05	6	11	..	“	“	“ “	“	10.59	06b	1	“	..
3879	59.7	+ 1 12	8.7	8.43	07	4	7	*04*	*1859*	0.7	+59 0	9.5	9.56	09	4	7	..
2326	59.8	+52 7	6.3	6.30	08b	3	12	12	..	0.7	+ 8 11	..	11.85	00	6	4	..
“	“	“ “	“	6.27	08c	3	“	15	3899	0.8	+13 43	3.0	3.22	04c	3	13	*20*
4096	59.8	+ 0 5	8.7	8.88	01	1	1	00	“	“	“ “	“	2.86	04d	3	“	16
“	“	“ “	“	8.91	01g	1	“	*03*	2717	0.9	+50 18	9.5	10.44	99	1	25	..
“	“	“ “	“	8.70	02	4	“	18	4875	0.9	− 5 23	8.5	8.72	02	6	5	..
“	“	“ “	“	8.98	02g	3	“	*10*	4876	0.9	− 5 2	3.0	3.22	03c	3	13	33
4862	59.8	− 5 5	9.5	10.36	05	4	1	*06*	“	“	“ “	“	2.88	03d	1	“	67
3678	59.9	+15 16	9.4	9.86	05	6	11	..	“	“	“ “	“	3.84	03b	1	“	*29*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
1939	19	1.0	+59	58	9.0	9.26	09	4	1	*20*
..		1.0	+58	39	..	11.14	09	4	7	..
3410		1.0	+35	3	8.4	8.49	06	2	1	23
"		"	"	"	"	8.55	07	3	"	17
..		1.0	+ 8	11	..	11.70	00	6	4	..
3884		1.0	+ 1	48	9.5	10.27	01	1	9	..
"		"	"	"	"	10.62	02	2	"	..
4949		1.0	− 9	57	8.9	8.94	07	4	1	*03*
4101		1.1	+ 0	47	9.5	10.29	01	1	9	..
"		"	"	"	"	10.10	02	2	"	..
2719		1.2	+50	6	8.9	9.10	08	6	1	07
3784		1.2	+11	3	8.5	8.34	01	6	25	10
"		"	"	"	"	8.23	01g	6	"	21
5232		1.2	−15	13	9.5	10.57	05	6	11	..
1860		1.3	+58	57	9.5	10.83	09	4	7	..
3896		1.3	+ 3	52	9.3	9.83	01	1	9	..
"		"	"	"	"	9.78	02	2	"	..
5206		1.3	−18	54	6.5	6.34	08b	3	12	03
"		"	"	"	"	6.35	08c	3	"	02
..		1.4	+ 8	11	..	11.52	00	6	4	..
3968		1.4	+ 8	5	9.5	11.10	01	6	4	..
3960		1.4	+ 7	53	9.4	9.43	01	6	4	..
3782		1.5	+15	3	9.1	9.36	05	3	1	*42*
"		"	"	"	"	9.77	05b	3	"	*83*
"		"	"	"	"	9.33	06	2	"	*39*
"		"	"	"	"	9.76	06b	2	"	*82*
"		"	"	"	"	9.19	07	6	"	*25*
..		1.5	+ 8	5	..	11.37	01	6	4	..
3785		1.6	+10	12	8.8	8.82	00	2	1	10
3961		1.6	+ 7	47	9.2	9.28	00	12	4	*02*
3889		1.6	+ 1	22	7.7	7.44	07	4	7	..
4045		1.8	+20	12	8.9	9.10	02	2	1	30
3976		1.8	+ 4	55	8.9	8.71	00	3	1	*11*
4032		1.9	+ 5	5	8.4	8.28	00	3	1	*02*
3787		1.9	+ 2	50	9.5	10.10	01	2	9	..
"		"	"	"	"	10.08	02	2	"	..
4877		1.9	− 5	3	7.8	7.85	02	6	5	45
5240		1.9	−14	59	9.2	9.98	05	6	11	..
1881		2.1	+60	12	9.0	9.25	09	4	1	06
3893		2.1	+ 1	16	9.0	9.15	07	4	7	..
4109		2.1	+ 0	53	9.4	10.18	07	2	8	..
5242		2.1	−15	17	8.4	8.77	05	6	1	..
"		"	"	"	"	8.56	06	1	"	..
"		"	"	"	"	8.74	06b	1	"	..
712		2.2	+76	55	6.5	6.47	08b	3	12	02
"		"	"	"	"	6.36	08c	3	"	13
1862		2.2	+59	1	9.3	9.20	09	4	7	..
3894		2.2	+ 1	4	9.5	10.70	07	2	8	..
3968		2.3	+ 7	44	9.5	10.97	01	6	4	..
3977		2.4	+ 8	12	8.7	8.32	01	6	4	77
..	19	2.4	+ 8	8	..	11.67	00	6	4	..
3970		2.4	+ 7	59	9.0	8.99	01	6	4	..
3971		2.6	+ 8	2	9.0	8.96	01	6	4	11
3980		2.7	+ 4	44	9.5	10.60	01	1	9	..
"		"	"	"	"	10.72	02	2	"	..
3896		2.7	+ 1	4	9.0	8.88	07	2	8	*04*
3897		2.7	+ 1	4	9.1	9.80	07	2	8	*61*
3898		2.7	+ 1	38	8.1	7.94	07	4	7	*12*
4110		2.7	+ 1	0	9.4	10.12	07	2	8	..
1944		2.8	+59	54	9.0	9.64	09	4	1	*13*
3973		2.8	+ 7	40	9.5	10.46	01	6	4	..
3426		2.9	+35	2	8.8	9.04	06	2	1	*27*
"		"	"	"	"	8.78	07	3	"	*01*
3915		3.0	+19	54	9.1	9.20	02	2	1	*05*
3981		3.0	+ 8	19	9.2	9.06	01	5	4	..
"		"	"	"	"	9.27	01g	1	"	..
..		3.0	+ 1	3	..	11.54	07	2	8	..
..		3.0	+ 0	53	..	10.85	07	2	8	..
3725		3.2	+25	7	8.9	9.03	06	1	1	03
..		3.3	+ 0	57	..	12.48	07	2	8	..
2724		3.4	+50	16	9.4	9.68	99	1	25	..
..		3.4	+ 0	57	..	11.40	07	2	8	..
1865		3.5	+58	34	9.1	9.10	09	4	7	..
3986		3.5	+ 8	50	7.8	7.11	01	5	4	..
"		"	"	"	"	7.39	01g	1	"	..
..		3.5	+ 1	0	..	11.66	07	2	8	..
3794		3.6	+10	13	8.3	8.27	00	2	1	15
3987		3.6	+ 4	58	8.7	8.56	00	3	1	14
"		"	"	"	"	8.50	01	1	"	20
"		"	"	"	"	8.49	01g	1	"	21
"		"	"	"	"	8.58	02	3	"	12
"		"	"	"	"	8.79	02g	3	"	*09*
..		3.6	+ 1	4	..	11.06	07	2	8	..
..		3.6	+ 1	2	..	11.03	07	2	8	..
3481		3.7	+29	20	9.4	9.40	06	4	4	..
3701		3.7	+15	10	8.9	8.88	05	3	1	01
"		"	"	"	"	8.99	05b	3	"	*10*
"		"	"	"	"	8.90	06	3	"	*01*
"		"	"	"	"	9.10	06b	3	"	*21*
"		"	"	"	"	8.52	07	4	"	37
4114		3.7	+ 0	55	9.5	10.43	07	2	8	..
15070		3.7	−24	55	9.6	9.73	10	1	7	..
5275		3.8	−21	11	3	2.90	03c	4	13	12
"		"	"	"	"	2.98	03d	4	"	04
15074		3.8	−24	57	9.6	10.03	07	4	1	01
"		"	"	"	"	10.13	10	7	"	*09*
3482		3.9	+29	18	9.0	9.21	06	4	4	..
5415		3.9	−19	58	6.5	6.36	08b	3	12	*03*
"		"	"	"	"	6.34	08c	3	"	*01*
3923		4.0	+20	3	8.7	8.98	02	2	1	12

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
3905	19	4.0	+1	12	8.0	7.58	07	4	7	*14*
3485		4.1	+29	20	9.2	9.26	06	4	4	..
3735		4.1	+25	13	7.5	7.41	06	2	1	15
4043		4.2	+5	12	8.9	8.82	00	3	1	04
3909		4.3	+1	4	9.2	9.44	07	6	8	10
..		4.4	+29	26	..	11.28	06	4	4	..
3486		4.4	+29	18	9.2	9.61	06	4	4	..
3802		4.5	+14	37	7.2	6.88	06	1	1	*11*
"		"	"	"	"	6.71	06b	1	"	06
..		4.6	+29	16	..	10.93	06	4	4	..
4061		4.6	+20	13	8.5	8.81	02	2	1	*21*
3911		4.6	+1	4	8.7	8.70	07	5	8	04
3662		4.7	−0	36	7.0	6.30	08b	3	12	09
"		"	"	"	"	6.06	08c	3	"	33
13803		4.7	−24	58	9.5	9.95	10	6	1	*30*
..		4.8	+29	18	..	10.74	06	4	4	..
3488		4.9	+29	12	8.7	8.93	06	4	4	..
..		5.1	+29	34	..	12.32	06	2	4	..
3737		5.1	+25	10	7.8	8.20	06	3	1	*24*
..		5.1	+0	56	..	11.75	07	2	8	..
3494		5.2	+29	21	9.5	9.87	06	4	4	..
3999		5.2	+4	47	9.5	9.93	01	1	9	..
"		"	"	"	"	10.53	02	1	"	..
5259		5.2	−15	15	7.5	7.44	05	3	1	31
"		"	"	"	"	7.51	05b	3	"	24
"		"	"	"	"	7.43	06	3	"	32
"		"	"	"	"	7.56	06b	3	"	19
4062		5.3	+20	6	8.5	9.08	02	2	1	12
3806		5.4	+2	45	9.5	10.44	01	1	9	..
"		"	"	"	"	10.74	02	2	"	..
3442		5.6	+35	1	8.6	8.76	06	2	1	16
"		"	"	"	"	8.74	07	3	"	18
3914		5.6	+1	44	9.4	10.08	01	1	9	..
"		"	"	"	"	9.62	02	3	"	..
2732		5.7	+50	9	9.2	9.26	08	4	1	06
3659		5.8	+25	1	8.7	8.35	06	1	1	41
4004		5.8	+9	59	8.6	8.82	00	2	1	*10*
2350		6.1	+52	16	6.2	6.13	08b	3	12	*20*
"		"	"	"	"	6.33	08c	3	"	*40*
2734		6.1	+50	12	7.4	6.59	99	1	25	20
"		"	"	"	"	7.14	08	4	20	*35*
3932		6.1	+20	1	8.5	8.90	02	2	1	*05*
1888		6.2	+60	8	9.0	9.21	09	4	1	05
..		6.4	+67	4	..	11.70	06	4	4	..
3657		6.4	+39	42	9.2	9.63	00	1	25	..
3936		6.4	+3	38	9.5	10.09	01	1	9	..
"		"	"	"	"	9.67	02	2	"	..
1113		6.5	+67	6	9.5	10.64	06	4	4	..
5292		6.5	−21	50	7.0	6.88	08b	3	12	*46*
"		"	"	"	"	6.89	08c	3	"	*47*
..	19	6.6	+67	13	..	10.78	06	4	4	..
13833		6.6	−25	5	8.6	8.92	07	4	1	04
"		"	"	"	"	8.99	10	7	"	*03*
1114		6.7	+67	5	8.8	9.20	06	4	4	..
4129		6.8	+0	36	9.4	10.54	01	1	9	..
"		"	"	"	"	10.25	02	2	"	..
5344		6.9	−19	24	8.3	8.29	05	4	3	..
3745		7.0	+25	13	8.2	7.92	06	4	1	24
3668		7.2	+24	59	8.5	8.65	06	1	1	*19*
3472		7.3	+26	14	8.1	7.38	06	6	5	..
3473		7.3	+26	40	8.5	8.16	06	6	5	..
3927		7.3	+1	12	8.8	8.61	07	4	1	06
2947		7.4	+49	31	8.0	8.12	08	4	20	..
3504		7.4	+29	59	9.3	9.63	06	4	1	*17*
3474		7.4	+26	34	7.4	6.50	06	1	5	*18*
"		"	"	"	"	6.21	08b	3	12	11
"		"	"	"	"	6.31	08c	3	"	01
15134		7.4	−24	55	9.3	9.78	07	4	1	*08*
"		"	"	"	"	9.88	10	2	7	*18*
2736		7.5	+50	16	9.0	9.39	99	1	25	..
3505		7.5	+29	57	9.4	9.67	06	4	1	*06*
3475		7.5	+26	13	9.0	8.59	06	1	5	..
5251		7.5	−18	45	9.2	9.40	05	4	3	..
..		7.6	+67	14	..	10.68	06	4	4	..
3618		7.6	+40	56	9.4	10.03	06	4	4	..
3476		7.6	+26	6	7.7	7.56	06	6	1	*14*
3477		7.6	+26	5	7.5	7.44	06	6	1	*04*
5346		7.6	−19	2	9.0	8.77	05	4	3	..
3506		7.7	+29	43	7.7	7.56	06	4	1	*20*
3509		7.9	+30	1	9.2	9.23	06	4	1	23
3619		8.0	+41	4	9.5	10.59	06	4	4	..
3479		8.1	+26	16	8.9	8.37	06	3	4	..
3775		8.1	+16	40	7.0	6.66	08b	3	12	*22*
"		"	"	"	"	6.56	08c	3	"	*12*
..		8.1	−18	53	..	11.08	05	4	3	..
5349		8.1	−19	6	9.5	9.87	05	7	3	..
1120		8.2	+67	10	9.2	9.44	06	4	4	..
..		8.2	−18	59	..	11.93	05	4	3	..
5454		8.2	−20	6	9.3	9.26	00	3	1	07
"		"	"	"	"	9.36	01	6	"	*03*
..		8.3	+25	40	..	10.96	06	2	4	..
3749		8.3	+25	28	9.3	8.36	06	2	4	..
..		8.3	−18	50	..	10.74	05	4	3	..
3258		8.4	+41	7	9.5	11.30	06	4	4	..
3482		8.4	+26	19	9.4	9.58	06r	5	5	..
..		8.4	−18	57	..	13.08	05	3	3	..
..		8.4	−19	4	..	12.22	05r	4	3	..
3513		8.5	+30	1	9.1	9.27	06	4	1	19
3750		8.5	+25	50	9.5	10.10	06	3	4	..
2952		8.6	+49	55	8.3	8.84	08	8	20	*37*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3456	19 8.6	+34 55	9.0	9.05	06	4	1	02	..	19 9.7	+67 9	..	12.00	06	4	4	..
3364	8.6	+33 10	9.2	9.83	06	4	4	..	3266	9.7	+41 13	9.4	10.50	06	4	4	..
3483	8.6	+26 16	9.3	9.28	06	9	R	..	3490	9.7	+26 17	9.0	8.51	06	4	5	..
..	8.7	+41 9	..	12.06	06	4	4	..	3757	9.7	+25 35	6.9	6.77	06	8	1	03
3366	8.7	+33 12	8.7	8.88	06	4	4	..	4896	9.7	− 7 11	9.7	10.53	06	4	4	..
..	8.7	+25 58	..	10.94	06	3	4	..	5220	9.7	−16 17	7.1	7.31	05	3	1	19
..	8.7	+25 56	..	11.73	06	3	4	..	"	"	" "	"	7.30	05b	1	"	20
..	8.8	+33 18	..	11.48	06	4	4	..	..	9.7	−17 11	..	10.00	01	6	4	..
"	"	" "	"	10.52	06	4	"	..	3375	9.8	+33 19	9.5	10.40	06	4	4	..
..	8.8	−19 4	..	11.57	05	4	3	..	..	9.8	+33 16	..	11.04	06	4	4	..
5459	8.8	−20 6	9.1	9.26	00	2	1	*13*	3952	9.8	+19 54	8.9	9.02	02	2	1	*02*
"	"	" "	"	9.36	01	6	"	*23*	..	9.8	− 7 14	..	12.72	06	4	4	..
..	8.9	+33 10	..	11.76	06	4	4	..	..	9.8	− 7 16	..	11.71	06	4	4	..
3485	8.9	+26 28	8.3	7.83	06	4	5	..	5540	9.8	−17 3	8.8	8.61	01	6	4	*35*
3752	8.9	+25 56	9.5	10.21	06	3	4	..	1880	9.9	+58 21	7.8	8.38	04	3	17	..
3679	8.9	− 0 3	8.1	8.36	08	3	18	02	"	"	" "	"	8.21	04b	3	"	..
"	"	" "	"	8.26	08b	3	"	12	3268	9.9	+41 8	9.4	9.85	06	4	4	..
5353	8.9	−19 9	8.7	8.40	05	4	3	..	3531	9.9	+35 5	8.2	8.27	06	4	1	00
..	9.0	+67 4	..	12.11	06	4	4	..	..	9.9	+33 3	..	10.53	06	4	4	..
..	9.0	+50 16	..	10.14	99	1	25	..	..	9.9	− 7 23	..	10.85	06	4	4	..
3487	9.0	+27 0	9.5	9.98	06	4	5	..	5351	9.9	−14 54	9.2	9.57	06	1	1	*46*
4027	9.0	+ 4 44	9.1	9.41	02	1	25	..	"	"	" "	"	9.50	06b	1	"	*39*
5535	9.0	−17 32	6.8	7.39	01	7	4	*01*	..	10.0	+33 10	..	11.28	06	4	4	..
"	"	" "	"	7.40	01g	1	"	*02*	..	10.0	− 7 17	..	11.77	06	4	4	..
"	"	" "	"	7.68	05	2	1	*30*	2961	10.1	+49 34	8.8	9.19	08	4	20	..
"	"	" "	"	7.42	05b	1	"	*04*	3831	10.1	+ 2 40	9.5	10.04	01	1	9	..
2957	9.1	+49 17	9.2	9.62	08	4	20	..	"	"	" "	"	9.97	02	2	"	..
..	9.1	+33 16	..	12.69	06	4	4	..	..	10.1	− 7 15	..	12.41	06	4	4	..
4894	9.1	− 7 20	9.1	9.42	06	4	4	..	3687	10.2	+24 50	7.4	6.94	06	1	1	22
3461	9.2	+35 0	8.8	8.99	06	4	1	03	..	10.3	+41 17	..	10.90	06	4	4	..
..	9.2	+26 56	..	10.20	06	4	5	..	..	10.3	+33 9	..	10.35	06	4	4	..
3488	9.2	+26 14	9.1	8.93	06	8	1	..	4151	10.3	+ 0 39	9.3	9.78	01	1	9	..
..	9.2	+25 57	..	10.81	06	3	4	..	"	"	" "	"	9.64	02	2	"	..
4147	9.2	+ 0 7	9.2	9.45	01	2	1	*17*	..	10.3	−17 3	..	11.51	01	6	4	..
"	"	" "	"	9.27	01g	2	"	01	..	10.3	−17 13	..	12.32	01r	4	4	..
"	"	" "	"	9.27	02	3	"	01	5543	10.3	−17 32	9.0	9.22	01	6	4	..
"	"	" "	"	9.46	02g	3	"	*18*	3490	10.4	+38 58	4.5	4.56	04b	1	13	*10*
4895	9.2	− 7 22	9.5	9.90	06	4	4	..	"	"	" "	"	4.45	04c	3	"	01
3371	9.3	+33 12	8.7	9.19	06	4	4	..	"	"	" "	"	4.46	04d	2	"	00
3489	9.3	+26 32	9.5	9.44	06	4	5	..	3270	10.5	+41 12	8.9	8.88	06	4	4	..
3937	9.3	+ 1 11	9.3	9.44	07	4	1	*10*	4902	10.6	− 7 11	9.0	9.04	06	4	4	..
3938	9.4	+ 1 55	9.5	10.02	01	1	9	..	4904	10.6	− 7 18	9.7	10.64	06	4	4	..
"	"	" "	"	10.26	02	2	"	..	5232	10.6	−16 45	7.8	7.86	01	6	4	77
4030	9.5	+ 4 46	9.5	10.06	01	1	9	..	..	10.6	−17 8	..	11.07	01	6	4	..
"	"	" "	"	9.91	02	2	"	..	..	10.6	−17 11	..	11.65	01r	7	4	..
3947	9.5	+ 3 46	9.5	10.56	01	1	9	..	3496	10.7	+26 33	8.2	7.40	06	4	5	..
"	"	" "	"	10.10	02	2	"	..	..	10.8	+67 4	..	12.80	06	4	4	..
3755	9.6	+26 3	8.9	9.07	06	4	4	..	5550	10.8	−17 15	9.5	10.67	01	6	4	..
5464	9.6	−19 58	7.3	7.68	05	2	1	*05*	..	10.9	+67 0	..	10.41	06	4	4	..
"	"	" "	"	7.54	05b	1	"	09	3762	10.9	+25 5	8.9	8.91	06	3	1	05

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
15181	19 10.9	−24 5	9.8	11.48	10	4	7	..	5390	19 12.6	−19 15	9.2	9.43	01	5	4	*60*
3307	11.0	+27 46	7.2	6.70	06	4	1	*01*	15209	12.6	−24 3	8.8	8.36	10	4	7	..
4906	11.0	− 7 1	9.0	9.01	06	4	4	..	2968	12.7	+49 55	6.3	6.43	06	3	1	*09*
15184	11.0	−24 7	9.6	10.50	10	4	7	..	"	"	" "	"	6.50	08	4	20	*16*
3849	11.2	+15 3	8.2	8.07	08r	3	18	*03*	..	12.7	+32 17	..	11.99	08	4	7	..
"	"	" "	"	8.20	08b	3	"	*16*	3694	12.7	− 0 13	8.9	8.54	07	4	3	..
5555	11.3	−17 14	8.2	8.28	01r	6	4	75	5298	12.7	−18 52	8.0	7.52	01	6	4	*14*
5556	11.3	−17 18	9.3	9.59	01r	5	4	..	5299	12.8	−18 54	8.5	8.25	01	6	4	*23*
15187	11.3	−24 1	9.0	9.66	10	4	7	..	..	12.8	−21 4	..	11.23	01	1	4	..
4090	11.6	+20 8	7.7	7.93	05	1	1	00	..	12.8	−21 12	..	10.78	00	5	4	..
5289	11.6	−18 46	8.7	8.30	05	2	1	*16*	3398	12.9	+37 57	4.6	4.49	04b	1	13	*03*
"	"	" "	"	8.26	05b	2	"	*12*	"	"	" "	"	4.52	04c	3	"	*06*
15245	11.6	−23 53	9.6	11.17	10	4	7	..	"	"	" "	"	4.71	04d	2	"	*25*
5249	11.7	−16 16	7.4	7.49	05	2	1	21	3967	13.0	+ 3 40	9.5	10.72	01	1	9	..
"	"	" "	"	7.70	05b	2	"	00	"	"	" "	"	10.84	02	2	"	..
3713	11.9	+21 13	4.7	4.88	04b	1	13	*28*	*5308*	13.0	−14 59	8.8	8.84	08	3	18	07
"	"	" "	"	4.75	04c	3	"	*15*	"	"	" "	"	9.10	08b	3	"	*19*
"	"	" "	"	4.74	04d	2	"	*14*	5392	13.0	−19 54	8.8	8.82	00	3	1	11
3965	11.9	+20 0	9.2	9.28	02	2	1	*03*	"	"	" "	"	8.65	01	6	"	28
"	"	" "	"	9.20	05	1	"	05	5338	13.0	−21 8	9.9	10.93	00	5	4	..
5380	11.9	−19 48	8.8	9.09	00	3	1	*21*	..	13.1	+49 56	..	11.96	06	4	4	..
"	"	" "	"	8.95	01	7	"	*07*	3651	13.1	+40 8	8.7	8.80	06	3	1	07
1330	12.0	+65 12	9.0	9.33	06	5	1	*08*	3855	13.1	+10 5	9.5	9.90	07	4	25	..
3699	12.0	+39 57	7.8	8.14	06	2	1	*17*	2751	13.2	+50 10	9.3	10.16	06	4	4	..
3374	12.0	+32 36	9.2	9.31	08	2	17	..	3970	13.2	+19 13	9.3	9.69	05	4	5	..
"	"	" "	"	9.69	08b	2	"	..	4020	13.2	+18 59	8.0	8.39	05	4	5	..
15257	12.0	−23 46	9.2	9.72	10	4	7	..	..	13.2	−19 13	..	13.02	01	4	4	..
..	12.1	+50 0	..	11.67	06	4	4	..	*3487*	13.3	+35 3	9.2	9.00	02	5	1	17
3516	12.1	+32 4	8.4	8.46	08	5	7	..	"	"	" "	"	9.37	02g	4	"	*17*
3504	12.1	+26 41	7.5	7.00	06r	4	1	11	"	"	" "	"	9.20	06	4	"	*03*
5564	12.1	−17 6	7.8	7.82	01r	6	4	..	"	"	" "	"	9.13	08	5	"	04
5481	12.1	−20 2	9.0	9.12	00	3	1	16	..	13.3	+32 19	..	10.96	08	4	7	..
"	"	" "	"	9.13	01	6	"	15	3381	13.3	+32 9	9.1	9.28	08	4	7	..
15260	12.1	−23 48	9.7	10.96	10	4	7	..	..	13.3	−19 15	..	12.68	01	4	4	..
..	12.3	+50 3	..	10.62	06	4	4	..	*3706*	13.4	+25 4	7.8	7.77	06	1	1	*36*
4160	12.3	+ 1 5	9.0	9.27	07	1	8	*08*	3916	13.4	+17 15	9.3	9.36	07	4	3	..
3645	12.4	+40 12	7.0	7.00	06	3	1	07	5340	13.4	−21 4	8.3	8.19	01r	6	4	26
5387	12.4	−19 3	8.0	7.06	01	6	4	*24*	..	13.4	−21 9	..	11.51	00	5	4	..
1129	12.5	+67 29	3.4	3.30	05c	3	13	*06*	5341	13.4	−21 12	9.5	10.59	00	5	4	..
"	"	" "	"	3.04	05d	3	"	20	3383	13.5	+32 11	9.4	10.07	08	4	7	..
3377	12.5	+32 20	9.1	9.50	08	4	7	..	*3971*	13.5	+20 3	9.0	9.20	02	4	1	03
..	12.4	+32 14	..	12.34	08	4	7	..	"	"	" "	"	9.52	02g	2	"	*29*
5389	12.5	−19 15	9.6	10.07	01	6	4	..	"	"	" "	"	9.25	05	1	"	*02*
3485	12.6	+35 5	9.2	9.35	02	3	1	17	4166	13.5	+ 0 15	7.0	7.10	00	1	25	*36*
"	"	" "	"	9.96	02g	3	"	*43*	..	13.6	+32 15	..	11.53	08	4	7	..
"	"	" "	"	9.56	06	4	"	*04*	2755	13.7	+50 20	9.5	10.59	06	4	4	..
"	"	" "	"	9.49	08	5	"	03	..	13.7	+49 56	..	11.52	06	4	4	..
..	12.6	+32 26	..	10.79	08	4	7	..	*3972*	13.7	+20 2	8.0	8.28	02	4	1	*08*
5260	12.6	−16 0	8.0	8.39	08	2	17	..	"	"	" "	"	7.95	02g	2	"	25
"	"	" "	"	8.50	08b	2	"	..	"	"	" "	"	8.21	05	1	"	*01*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2970	19 13.8	+49 52	9.3	10.23	06	4	4	..
3553	13.8	+35 12	8.9	9.17	02	4	1	10
“	“	“ “	“	9.45	02g	4	“	*13*
“	“	“ “	“	9.17	08	5	“	10
3780	13.8	+25 11	8.0	8.19	06	1	1	17
3857	13.8	+10 20	9.5	9.92	07	8	24	..
3846	13.8	+ 2 38	9.5	10.34	01	1	9	..
“	“	“ “	“	10.38	02	2	“	..
5495	13.8	−20 48	9.3	9.33	00r	6	4	..
..	13.9	−19 13	..	12.18	01	9	4	..
2757	14.0	+50 20	9.0	10.12	06	4	4	..
..	14.0	+49 50	..	11.50	06	4	4	..
4066	14.1	+ 4 45	9.3	9.36	01	1	9	..
“	“	“ “	“	9.41	02	2	“	..
5397	14.1	−19 14	9.8	11.13	01	6	4	..
1333	14.2	+65 6	7.6	7.51	05	1	25	*11*
1334	14.2	+65 23	7.9	8.20	06	5	1	15
..	14.2	+32 5	..	10.56	08	4	7	..
3503	14.2	+30 24	9.5	10.53	02	1	10	..
4027	14.2	+19 2	9.5	10.36	05	4	5	..
..	14.2	+17 11	..	12.06	07	4	3	..
3922	14.2	+17 7	9.4	10.38	07	4	3	..
..	14.2	−19 7	..	11.78	01	8	4	..
..	14.2	−21 1	..	11.63	00	4	4	..
..	14.3	+19 17	..	10.86	02	6	5	..
4934	14.3	− 5 3	8.3	8.82	06	4	1	*02*
..	14.3	−19 4	..	10.74	01	6	4	..
3974	14.4	+19 27	9.2	9.65	02	6	5	..
“	“	“ “	“	9.66	05	4	“	..
..	14.4	+19 22	..	11.06	05	4	5	..
3925	14.4	+17 54	8.3	8.68	02	6	4	..
5400	14.4	−18 58	9.5	10.07	01	6	4	..
2972	14.5	+49 47	9.0	9.43	06	4	4	..
5347	14.5	−21 27	8.8	8.70	01	6	4	..
..	14.6	+19 22	..	11.17	02	6	5	..
3705	14.6	− 0 13	8.7	8.54	07	4	3	..
4935	14.6	− 5 1	9.3	9.83	06	4	1	02
5403	14.6	−19 11	9.1	8.91	01	6	4	..
5348	14.6	−21 9	9.4	9.71	01	7	4	..
“	“	“ “	“	9.98	01g	2	“	..
2973	14.7	+49 41	7.8	7.35	06	3	1	02
2216	14.8	+53 11	4.5	3.95	05c	3	13	03
“	“	“ “	“	4.05	05d	3	“	*07*
..	14.8	+19 28	..	11.09	02	6	5	..
3814	14.8	+16 58	9.5	10.60	07	4	3	..
3706	14.8	+ 0 4	9.4	10.16	07	4	3	..
..	14.8	− 0 23	..	12.44	07	4	3	..
..	14.9	+19 19	..	11.24	02	7	5	..
4030	14.9	+18 54	9.1	9.11	02	6	5	..
4174	14.9	+ 0 31	9.5	10.58	01	1	9	..
	h. m.	° ′						
A	19 14.9	+ 0 31	9.5	10.50	02	2	9	..
..	14.9	− 0 25	..	11.54	07	4	3	..
3494	15.0	+35 3	8.2	8.61	08	5	1	*34*
..	15.0	+16 58	..	12.76	07	4	3	..
1337	15.1	+64 58	7.8	8.48	06	5	1	08
3976	15.1	+19 33	8.0	8.14	02	6	5	..
“	“	“ “	“	8.08	05	4	“	..
..	15.1	+16 56	..	11.45	07	4	3	..
..	15.1	+16 52	..	11.88	07	4	3	..
3409	15.3	+33 13	6.8	6.45	08b	3	12	*13*
“	“	“ “	“	6.32	08c	3	“	00
3709	15.3	− 0 2	9.5	9.58	00	3	17	..
“	“	“ “	“	9.92	01	6	“	..
“	“	“ “	“	10.09	01g	6	“	..
“	“	“ “	“	10.02	07	4	3	..
..	15.3	− 0 18	..	11.75	06	2	24	..
..	15.3	−21 8	..	10.67	01	8	4	..
“	“	“ “	“	10.91	01g	3	“	..
3977	15.5	+19 16	9.5	10.06	02	6	5	..
“	“	“ “	“	10.02	05	4	“	..
..	15.5	− 0 16	..	11.80	07	4	3	..
3710	15.5	− 0 21	9.5	10.76	07	4	3	..
3818	15.6	+16 56	9.5	11.44	07	4	3	..
3711	15.6	− 0 27	9.5	10.75	07	4	3	..
5508	15.6	−20 4	9.2	9.25	00	3	1	*07*
“	“	“ “	“	9.45	01	7	“	*27*
3665	15.7	+40 11	6.6	6.88	06	3	1	*18*
3978	15.7	+19 12	8.6	8.54	02	9	5	..
“	“	“ “	“	8.48	02g	10	“	..
“	“	“ “	“	8.76	05	4	“	..
“	“	“ “	“	8.36	08	2	17	..
“	“	“ “	“	8.56	08b	2	“	..
3979	15.7	+19 25	9.4	9.73	05	4	5	..
3970	15.7	+ 1 32	9.4	10.14	01	1	9	..
“	“	“ “	“	9.92	02	2	“	..
..	15.8	+37 36	..	10.49	06	4	4	..
..	15.8	− 0 29	..	11.35	07	4	3	..
3414	15.9	+37 51	9.0	9.41	06	3	4	..
3713	15.9	− 0 24	9.5	10.89	07	4	3	..
5322	15.9	−18 2	4.0	4.14	03b	2	13	*19*
“	“	“ “	“	3.92	03c	3	“	03
“	“	“ “	“	4.00	03d	1	“	*05*
2976	16.0	+50 3	8.0	7.46	06	3	1	16
3415	16.0	+37 28	9.5	10.35	06	3	4	..
5283	16.0	−16 8	4.7	4.63	03b	3	13	*05*
“	“	“ “	“	4.61	03c	3	“	*03*
4037	16.1	+18 54	8.0	8.23	02	6	5	..
..	16.1	+17 8	..	11.14	07	4	3	..
3930	16.1	+17 5	8.6	9.02	02	6	4	..
“	“	“ “	“	8.99	07	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3572	19 16.2	+35 9	8.8	8.89	08	5	1	18
3981	16.2	+19 17	8.3	8.46	02	6	5	..
“	“	“ “	“	8.34	05	4	“	..
3982	16.2	+19 28	9.1	9.20	02	6	5	..
“	“	“ “	“	9.13	05	4	“	..
4039	16.2	+18 49	8.5	8.92	02	6	5	..
3670	16.3	+40 5	7.1	7.23	06	3	1	19
3671	16.3	+40 23	7.7	8.06	06	3	1	*19*
3722	16.3	+39 57	8.7	8.82	06	2	1	10
3932	16.3	+17 5	9.4	9.99	07	4	3	..
4074	16.3	+ 9 51	9.2	9.26	00	1	25	..
1340	16.4	+64 59	8.5	8.87	06	5	1	08
4074	16.4	+ 4 57	8.2	8.38	02r	4	1	02
“	“	“ “	“	8.36	02g	3	“	04
3718	16.4	− 0 8	9.0	8.42	07	4	3	..
3719	16.4	+ 0 4	9.3	9.47	07	4	3	..
3934	16.5	+17 59	8.7	8.82	02	6	4	..
4942	16.5	− 5 0	8.2	8.62	06	4	1	*17*
..	16.6	+37 43	..	11.08	06r	2	4	..
3395	16.6	+32 59	9.5	11.27	02	1	10	..
3215	16.7	+43 20	7.5	7.63	06	5	1	12
3935	16.7	+17 40	9.1	9.31	02	6	4	..
..	16.8	+37 52	..	10.59	06r	1	4	..
3937	16.8	+17 12	9.4	9.80	02	6	4	..
3424	16.9	+33 34	9.5	10.06	02	1	10	..
3938	17.0	+17 33	9.0	9.32	02	6	4	..
4950	17.0	− 8 23	7.0	6.74	08b	3	12	*25*
“	“	“ “	“	6.75	08c	3	“	*26*
5519	17.0	−20 2	9.0	9.33	00	3	1	*05*
“	“	“ “	“	9.44	01	7	“	*16*
3731	17.1	+39 44	6.5	6.68	06	2	1	34
..	17.1	+37 49	..	11.12	06	1	4	..
3990	17.2	+19 25	9.4	10.49	02	6	5	..
4185	17.2	+ 0 35	9.5	10.56	01	1	9	..
“	“	“ “	“	10.64	02	2	“	..
4186	17.2	+ 0 12	7.5	7.78	01	2	1	00
“	“	“ “	“	7.83	01g	2	“	*05*
“	“	“ “	“	7.95	02	5	“	*17*
“	“	“ “	“	7.82	02g	5	“	*04*
..	17.3	+37 39	..	10.49	06	3	4	..
3991	17.3	+19 38	8.0	8.40	02	6	5	..
3939	17.3	+18 4	9.5	10.75	02	12	4	..
3941	17.3	+17 23	9.5	10.63	02	12	4	..
4078	17.3	+ 4 48	9.5	10.64	01	1	9	..
“	“	“ “	“	10.72	02	1	“	..
“	“	“ “	“	11.12	02g	1	“	..
857	17.5	+73 10	4.4	4.81	05c	4	13	*18*
“	“	“ “	“	4.82	05d	3	“	*19*
3942	17.5	+17 46	9.4	9.70	02	7	4	..
3726	17.5	− 0 29	8.7	8.60	07	4	3	..
3424	19 17.6	+37 45	9.3	10.23	06	3	4	..
3510	17.6	+34 56	9.5	9.22	02	1	10	..
3522	17.6	+30 31	9.5	10.82	02	1	10	..
3991	17.7	+ 3 46	9.5	10.93	01	1	9	..
“	“	“ “	“	10.82	02	1	“	..
“	“	“ “	“	10.76	02g	2	“	..
4942	17.7	− 7 35	7.0	6.63	08b	3	12	*24*
“	“	“ “	“	6.55	08c	3	“	*16*
1340	17.8	+65 10	8.9	9.11	06	5	1	*21*
3315	17.8	+42 30	6.5	6.62	06	5	1	56
3561	17.8	+31 45	9.5	10.65	02	1	10	..
3523	17.8	+30 6	8.8	8.57	02	2	10	14
“	“	“ “	“	8.38	02g	1	“	33
3728	17.8	− 0 2	9.3	9.46	07	2	1	*18*
5427	17.8	−19 52	8.8	9.02	00	3	1	21
“	“	“ “	“	8.96	01	7	“	27
2784	17.9	+50 9	7.1	7.27	06	3	1	25
3894	18.2	+14 57	8.9	9.02	07	4	1	*13*
4791	18.2	− 4 45	9.1	9.48	06	4	1	*08*
3983	18.3	+ 1 46	9.5	11.40	02	1	“	..
“	“	“ “	“	11.56	02g	2	“	..
3739	18.5	+40 2	8.9	9.04	06	2	1	*02*
3867	18.5	+ 2 33	9.5	10.09	02	1	9	..
“	“	“ “	“	10.64	02g	1	“	..
5434	18.5	−19 55	8.4	8.61	00	3	1	*23*
“	“	“ “	“	8.25	01	8	“	13
3811	18.7	+26 4	5.5	5.10	04b	3	13	*18*
“	“	“ “	“	5.11	04c	3	“	*19*
3429	18.8	+37 46	8.8	9.61	06	4	4	..
3430	18.8	+37 42	8.4	8.36	06	4	4	..
4958	18.8	− 5 1	8.8	9.28	06	4	1	22
3898	18.9	+15 1	9.0	9.50	07	4	1	*11*
4123	19.1	+20 23	7.8	8.11	05	3	1	*31*
“	“	“ “	“	7.96	05b	1	“	*16*
“	“	“ “	“	8.10	08	3	1	*30*
“	“	“ “	“	8.03	08b	3	“	*23*
4000	19.5	+20 4	6.5	6.16	08b	3	12	31
“	“	“ “	“	6.18	08c	3	“	29
3949	19.6	+17 47	7.9	8.15	02	6	4	..
“	“	“ “	“	8.07	08r	3	18	..
“	“	“ “	“	7.75	08b	3	“	..
3799	19.6	+15 32	7.9	8.30	07	4	1	*11*
3325	19.8	+42 46	6.5	6.88	06	5	1	04
3411	19.8	+33 1	6.9	6.02	08b	3	12	48
“	“	“ “	“	6.40	08c	3	“	10
1345	20.2	+65 31	5.3	4.53	05c	3	13	10
“	“	“ “	“	4.64	05d	3	“	*01*
3584	20.2	+29 26	5.2	4.98	04b	3	13	*12*
“	“	“ “	“	4.86	04c	3	“	00
3750	20.3	+39 37	7.5	7.97	06	3	1	*25*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	19 20.3	+39 37	7.5	6.96	06	2	1	16	3767	19 23.3	+39 45	6.7	7.38	06	2	1	*16*
3379	20.4	+27 53	7.0	6.56	08	2	19	*20*	4215	23.4	+ 0 12	8.5	8.73	01	1	1	05
"	"	" "	"	6.48	08b	5	R	*12*	"	"	" "	"	8:74	01g	1	"	04
"	"	" "	"	6.43	08c	3	12	*07*	"	"	" "	"	8.25	02	5	"	53
3539	20.5	+36 15	6.7	6.48	08b	3	12	*03*	"	"	" "	"	8.31	02g	5	"	47
"	"	" "	"	6.53	08c	3	"	*08*	"	"	" "	"	8.42	07	1	"	36
3420	20.5	+32 32	9.5	10.31	02	1	10	. .	1999	24.0	+57 49	6.5	6.31	08b	3	12	15
3879	20.5	+ 2 55	3.2	3.24	02i	3	1	20	"	"	" "	"	6.23	08c	3	"	23
"	"	" "	"	3.47	04c	3	13	*03*	3344	24.0	+42 8	9.3	10.16	06	4	3	. .
"	"	" "	"	3.49	04d	3	"	*05*	3345	24.0	+42 54	9.0	9.08	06	5	3	. .
2994	20.8	+50 5	6.6	6.82	06	3	1	*51*	3465	24.1	+37 44	6.4	6.47	08b	3	12	*11*
3328	20.8	+43 3	8.9	8.98	06	5	3	. .	"	"	" "	"	6.30	08c	3	"	06
3529	20.8	+34 17	9.3	9.62	02	1	10	. .	*3352*	24.2	+42 1	7.5	7.54	06	4	1	*12*
3331	21.1	+42 44	8.6	8.37	06	5	3	. .	*3760*	24.2	+ 0 2	6.9	6.64	02g	3	1	*12*
4203	21.1	+ 0 43	9.4	9.71	02	3	9	. .	"	"	" "	"	6.77	02i	1	"	*25*
4204	21.2	+ 0 9	9.2	9.36	07	2	1	02	3759	24.5	+24 28	4.2	4.38	04b	2	13	25
3447	21.4	+33 36	9.5	10.40	02	1	10	. .	"	"	" "	"	4.43	04c	3	"	20
4206	21.4	+ 0 9	5.0	4.47	02i	3	1	39	"	"	" "	"	4.70	04d	1	"	*07*
"	"	" "	"	4.87	04b	3	13	*01*	*2149*	24.7	+55 4	8.9	9.31	09	3	1	*05*
"	"	" "	"	4.86	04c	3	"	00	3351	24.7	+42 33	8.4	7.80	06	4	3	. .
3588	21.5	+31 41	9.3	10.17	02	1	10	. .	3352	24.8	+42 59	8.3	8.59	06	5	3	. .
3552	21.6	+30 55	9.4	9.95	02	1	10	. .	3937	24.9	+14 58	8.0	7.65	07	4	1	39
3744	21.7	− 0 1	8.8	8.89	07	1	1	04	3904	25.2	+ 2 41	6.9	6.37	08b	3	12	01
3334	21.8	+42 30	9.4	9.81	06	5	3	. .	"	"	" "	"	6.52	08c	3	"	*14*
3335	21.8	+42 41	9.5	10.07	06	5	3	. .	4018	25.2	+ 1 28	9.5	10.55	02	3	9	. .
4024	21.8	+ 3 32	9.5	9.53	02	3	9	. .	4229	25.2	+ 0 7	8.4	8.57	07	1	1	36
3997	21.9	+ 1 33	9.4	10.10	02	3	9	. .	1716	25.3	+62 21	6.6	6.36	08b	3	12	10
5081	21.9	− 9 55	9.7	10.83	00	1	25	. .	"	"	" "	"	6.55	08c	3	"	*09*
3336	22.0	+42 14	8.6	8.99	06	5	3	. .	2202	25.3	+55 9	8.6	8.83	09	3	1	13
4109	22.0	+ 4 32	9.5	9.64	02	3	9	. .	3589	25.3	+30 5	8.3	8.30	08	4	1	06
3887	22.1	+ 2 47	9.3	9.79	02	3	9	. .	4043	25.5	+ 3 14	7.0	6.30	08b	3	12	03
3337	22.2	+42 45	9.5	9.86	06	5	3	. .	"	"	" "	"	5.98	08c	3	"	35
3391	22.5	+27 7	7.8	7.60	08	2	19	. .	4232	25.5	+ 0 39	9.3	9.54	02	3	9	. .
"	"	" "	"	7.44	08b	2	"	. .	3905	25.7	+ 2 37	9.5	9.58	02	3	9	. .
1943	22.7	+60 9	7.5	7.50	08	3	18	26	1917	25.8	+58 24	8.4	8.86	08	2	19	. .
"	"	" "	"	7.30	08b	3	"	46	"	"	" "	"	8.80	08b	2	"	. .
3563	22.7	+30 5	8.8	8.69	02	1	10	*08*	. .	25.9	+ 9 40	. .	12.49	06	4	4	. .
"	"	" "	"	8.76	02g	1	"	*15*	3359	26.1	+42 26	8.0	8.48	06	5	3	. .
2199	22.8	+55 9	7.9	7.65	09	3	1	56	*3940*	26.1	+15 1	9.0	9.03	07	4	1	*04*
3434	22.8	+32 8	8.0	8.77	08	2	19	. .	4133	26.1	+ 4 30	9.5	9.70	02	3	9	. .
"	"	" "	"	8.60	08b	2	"	. .	4048	26.1	+ 3 37	9.5	9.65	02	3	9	. .
5566	22.8	−19 56	9.0	8.99	00	3	1	09	3410	26.7	+27 45	3.0	2.75	04c	3	13	49
"	"	" "	"	9.21	01	7	"	*13*	"	"	" "	"	3.03	04d	3	"	21
3340	22.9	+42 7	7.6	7.83	06	5	3	. .	3411	26.7	+27 45	6.5	5.28	04b	3	13	08
3341	22.9	+42 54	9.2	10.50	06	5	3	. .	"	"	" "	"	4.99	04c	3	"	37
4212	22.9	+ 0 17	9.2	8.94	00	1	25	. .	5345	26.8	−16 30	9.0	9.41	07	4	3	. .
3766	23.1	+39 56	7.7	8.16	06	2	1	26	5346	26.9	−16 33	9.0	9.28	07	4	3	. .
3342	23.2	+42 51	9.2	9.36	01	6	25	*07*	3605	27.0	+30 14	8.3	8.49	08	4	1	*08*
"	"	" "	"	9.43	01g	6	"	*14*	5347	27.1	−16 9	9.5	10.37	07	5	3	. .
"	"	" "	"	9.40	06	5	1	*11*	2605	27.2	+51 31	4.0	3.90	05c	3	13	04

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	19 27.2	+51 31	4.0	3.77	05d	3	13	17	4196	19 29.6	+ 5 29	9.5	10.20	06	2	24	..
3023	27.2	+49 18	8.0	8.00	08	2	19	..	"	"	" "	"	10.55	06b	2	"	..
"	"	" "	"	8.14	08b	2	"	..	3474	29.7	+32 59	7.0	6.42	08	2	19	19
3363	27.2	+43 5	9.4	10.10	06	4	5	..	"	"	" "	"	6.65	08b	2	"	*04*
3573	27.2	+26 24	6.5	5.89	08b	3	12	07	3629	29.7	+30 7	8.7	8.84	08	4	20	*03*
"	"	" "	"	5.83	08c	3	"	13	..	29.7	+28 7	..	11.76	06	4	4	..
5348	27.2	−16 33	9.1	9.63	07	4	3	..	..	29.7	+28 3	..	11.16	06	4	4	..
3364	27.3	+42 58	8.0	8.07	06	4	5	..	..	29.8	+28 8	..	11.29	06	4	4	..
3264	27.5	+43 15	9.2	9.92	06	4	5	..	4250	29.8	+ 0 43	9.5	11.32	02	3	9	..
3266	27.5	+43 11	9.3	9.59	06	4	5	..	*3433*	29.9	+28 4	9.5	9.78	06	4	4	..
5351	27.6	−16 50	8.0	7.66	07	4	3	..	3893	29.9	+11 42	8.1	8.17	06	4	4	..
3267	27.8	+43 38	7.9	8.26	06	4	5	..	3967	29.9	+10 44	7.1	7.07	06	1	1	*07*
3371	27.8	+43 6	9.5	10.78	06	4	5	..	4158	29.9	+ 4 58	8.5	8.26	02	4	1	04
..	27.8	−16 31	..	11.36	07	2	3	..	"	"	" "	"	8.28	02g	4	"	02
3611	27.9	+30 7	8.8	8.73	08	4	1	*02*	4998	30.0	− 7 41	7.0	6.61	08b	3	12	*21*
3372	28.0	+42 46	6.8	7.11	06	4	1	09	"	"	" "	"	6.55	08c	3	"	*15*
3590	28.1	+34 14	4.6	4.76	04b	2	13	09	5461	30.0	−12 28	6.3	6.51	08b	3	12	*21*
"	"	" "	"	4.82	04c	3	"	03	"	"	" "	"	6.65	08c	3	"	*35*
"	"	" "	"	4.79	04d	1	"	06	2256	30.1	+56 22	9.5	10.32	09	4	7	..
2212	28.2	+55 13	9.0	9.40	09	3	1	*14*	3391	30.1	+28 18	9.4	9.48	06	4	4	..
3269	28.3	+43 40	9.5	10.37	06	4	5	..	..	30.1	+28 5	..	10.34	06	4	4	..
3270	28.3	+43 45	8.7	8.63	06	4	5	..	3650	30.2	+38 34	6.6	6.45	08b	3	12	03
3271	28.3	+43 53	9.1	9.34	06	4	5	..	"	"	" "	"	6.51	08c	3	"	*03*
..	28.3	+43 25	..	10.50	06	2	5	..	3392	30.2	+28 12	8.1	7.96	08	2	19	..
5357	28.3	−16 30	8.0	8.20	07	4	3	..	"	"	" "	"	7.75	08b	2	"	..
3868	28.4	+25 13	8.8	8.93	06	1	1	*02*	4063	30.2	+19 33	5.8	4.88	04c	3	"	00
..	28.4	−16 31	..	10.85	07	4	3	..	"	"	" "	"	5.15	04d	2	"	*27*
5359	28.5	−16 31	7.5	7.69	07	4	3	*11*	3932	30.4	+ 2 42	7.2	6.43	08b	3	12	06
5396	28.6	−15 2	9.2	9.44	07	4	1	06	"	"	" "	"	6.33	08c	3	"	16
4179	29.0	+20 12	7.8	7.27	06	4	1	*07*	*4067*	30.5	+20 1	8.4	8.88	06	4	5	12
4030	29.1	+ 1 35	9.4	9.62	02	3	9	..	3282	30.6	+43 18	7.5	8.10	06	4	1	*09*
5362	29.1	−16 44	9.5	10.86	07	4	3	..	3635	30.6	+30 34	9.3	9.83	08	4	20	..
2216	29.2	+56 2	8.6	8.08	09	4	7	..	3785	30.7	+24 56	8.6	8.51	06	4	1	*20*
4182	29.2	+20 22	9.2	9.26	01	2	25	..	3901	30.7	+11 43	8.0	7.84	06	4	4	..
"	"	" "	"	9.36	01g	2	"	..	1966	30.9	+60 13	9.5	9.78	00	1	25	..
4132	29.2	+ 7 10	4.8	4.60	04b	2	13	05	3639	30.9	+30 19	9.3	10.07	05	4	24	..
"	"	" "	"	4.62	04c	3	"	03	"	"	" "	"	9.98	07	4	"	..
"	"	" "	"	4.69	04d	1	"	*04*	"	"	" "	"	9.85	08	4	20	..
5363	29.2	−16 20	9.1	10.37	07	4	3	..	2258	31.0	+56 48	9.5	10.53	09	4	7	..
"	"	" "	"	10.28	08	2	17	..	2259	31.1	+56 13	9.3	10.13	09	4	7	..
"	"	" "	"	10.39	08b	2	"	..	3641	31.1	+30 34	9.0	9.50	08	4	20	..
4155	29.3	+ 4 46	9.5	9.82	02	3	9	..	4190	31.1	+20 8	8.7	9.60	06	4	5	*25*
3927	29.3	+ 2 39	9.5	9.89	02	3	9	..	4193	31.2	+20 36	8.3	8.24	06	4	5	..
5466	29.3	−14 50	9.0	9.42	07	4	1	22	3793	31.3	+24 59	9.0	8.75	06	4	1	01
3624	29.4	+30 11	9.4	10.13	08	4	20	..	3795	31.4	+24 56	9.0	9.08	06	4	1	03
4068	29.4	+ 3 46	9.4	9.66	02	3	9	..	3981	31.4	+10 55	6.8	6.80	06	2	4	*27*
1929	29.5	+58 24	6.4	6.37	08	1	19	33	"	"	" "	"	6.56	06b	2	"	*03*
"	"	" "	"	6.56	08b	1	"	14	3290	31.5	+43 43	6.8	6.77	06	3	1	*19*
3279	29.6	+43 13	8.3	7.68	06	4	5	..	4195	31.5	+20 17	9.0	9.30	06	4	5	..
..	29.6	+28 8	..	10.08	06	4	4	..	3797	31.6	+24 57	8.1	7.92	06	4	1	09

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4196	19 31.6	+20 36	9.2	9.42	06	4	5	..
3782	31.6	− 1 31	4.2	4.11	03b	2	13	17
"	"	" "	"	4.41	03c	3	"	*13*
"	"	" "	"	4.63	03d	1	"	*35*
2260	31.7	+56 26	9.2	9.72	09	4	7	..
3646	31.7	+30 11	8.2	8.30	08	4	20	06
3741	31.8	+22 22	6.5	6.30	08b	3	12	*18*
"	"	" "	"	6.27	08c	3	"	*15*
3799	32.0	+25 4	8.9	8.69	06	4	1	07
5410	32.2	−14 59	8.5	8.98	07	7	1	*02*
4079	32.3	+19 55	9.5	10.36	06	4	5	..
..	32.4	+ 1 2	..	11.42	07	2	8	..
3652	32.5	+30 6	9.1	9.90	08	4	20	..
1053	32.6	+69 29	5.0	4.86	05c	3	13	*08*
"	"	" "	"	4.73	05d	3	"	05
3444	32.6	+27 39	7.8	7.66	08	2	19	..
"	"	" "	"	7.74	08b	2	"	..
4082	32.6	+19 56	9.5	11.41	06	4	5	..
4261	32.6	+ 1 2	9.5	11.32	07	2	8	..
4204	32.7	+20 18	9.2	9.49	01	7	25	07
"	"	" "	"	9.50	01g	5	"	06
"	"	" "	"	9.81	06	4	5	*25*
4084	32.7	+20 4	9.0	9.34	06	4	5	06
3916	32.7	+11 35	8.9	9.05	06	4	4	..
..	32.7	+ 1 1	..	10.84	07	2	8	..
4263	32.9	+ 0 39	9.5	10.98	02	3	9	..
..	33.0	+11 38	..	10.78	06	4	4	..
..	33.0	+11 35	..	11.75	06	4	4	..
..	33.0	+11 32	..	12.12	06	5	4	..
..	33.0	+ 1 0	..	11.48	07	2	8	..
3059	33.2	+50 1	7.0	6.48	08	1	1	15
"	"	" "	"	6.39	08b	1	"	24
3919	33.2	+11 24	9.5	10.28	06	4	4	..
..	33.2	+ 1 4	..	11.84	07	2	8	..
3303	33.3	+43 30	6.9	6.65	06	4	1	13
4265	33.3	+ 0 7	7.0	7.28	08	3	18	10
"	"	" "	"	7.22	08b	3	"	16
5489	33.4	−14 48	9.0	9.14	07	7	1	*13*
2070	33.5	+59 45	9.4	10.12	00	1	25	..
3677	33.5	+38 10	6.5	6.44	08b	3	12	*06*
"	"	" "	"	6.27	08c	3	"	11
3672	33.5	+29 23	7.5	7.51	08	3	18	*25*
"	"	" "	"	7.30	08b	3	"	*04*
4089	33.5	+19 45	8.9	9.14	06	4	5	..
..	33.5	+11 26	..	10.84	06	4	4	..
4054	33.5	+ 1 26	9.5	10.76	02	3	9	..
..	33.6	+11 39	..	10.06	06	4	4	..
3921	33.7	+11 38	9.4	9.94	06	4	4	..
4096	33.7	+ 3 49	9.5	10.33	02	3	9	..
3062	33.8	+49 59	4.9	4.44	05c	3	13	20
	h. m.	° ′						
A	19 33.8	+49 59	4.9	4.86	05d	3	13	*22*
4175	33.8	+ 4 41	9.5	9.42	02	3	9	..
4097	33.9	+ 3 9	7.0	6.45	08b	3	12	*08*
"	"	" "	"	6.43	08c	3	"	*06*
3923	34.0	+11 15	9.2	9.49	06	4	4	..
2185	34.3	+54 47	7.7	8.17	09	3	1	04
3953	34.3	+ 2 30	9.3	9.39	02	3	9	..
3694	34.4	+31 32	7.5	7.62	06	4	1	28
4006	34.5	+10 10	8.6	8.49	06	6	1	38
..	34.5	+ 1 0	..	11.76	07	2	8	..
..	34.6	+ 1 5	..	12.02	07	2	8	..
3506	34.8	+32 11	7.5	7.24	06	4	1	04
"	"	" "	"	7.42	08	2	"	*14*
"	"	" "	"	7.26	08b	2	"	02
3936	34.9	+16 21	6.9	6.51	08b	3	12	07
"	"	" "	"	6.57	08c	3	"	01
..	34.9	+ 1 0	..	11.55	07	2	8	..
3539	35.0	+33 7	7.8	7.78	08	2	19	..
"	"	" "	"	7.82	08b	2	"	..
..	35.0	+ 1 0	..	11.58	07	2	8	..
3509	35.1	+32 20	7.9	7.98	06	4	3	..
3511	35.2	+32 32	8.7	8.72	06	4	3	..
3512	35.2	+32 52	8.2	8.30	06	4	3	..
4215	35.3	+20 33	7.8	8.33	06	4	5	*33*
4216	35.4	+20 10	8.4	8.61	06	4	1	44
3684	35.5	+29 56	5.3	4.84	04b	3	13	*05*
"	"	" "	"	4.73	04c	3	"	06
4042	35.6	+17 47	4.3	4.43	04c	3	13	*06*
"	"	" "	"	4.48	04d	3	"	*11*
5505	35.6	−14 49	9.4	9.94	07	4	1	*28*
4112	35.7	+19 55	9.5	9.57	00	1	25	..
4016	35.7	+10 15	8.7	8.91	06	6	1	*24*
..	35.7	+ 0 55	..	11.01	07	2	8	..
..	35.8	+ 9 42	..	12.51	06	4	4	..
..	35.8	+ 9 41	..	12.66	06	4	4	..
4204	35.8	+ 9 31	9.5	9.94	06	4	4	..
5432	35.8	−14 56	8.9	8.75	07	3	1	36
..	35.9	+ 9 48	..	11.99	06	4	4	..
3547	36.0	+33 44	6.5	6.00	08	2	19	12
"	"	" "	"	6.10	08b	2	"	02
..	36.0	+ 9 52	..	11.20	06	4	4	..
..	36.0	+ 9 45	..	11.07	06	4	4	..
..	36.0	+ 9 44	..	11.77	06	4	4	..
4207	36.1	+ 9 52	9.5	10.50	06	4	4	..
..	36.1	+ 9 49	..	11.53	06	4	4	..
1948	36.2	+58 18	8.3	8.68	08	2	19	..
"	"	" "	"	8.70	08b	2	"	..
4209	36.2	+ 9 39	8.9	9.14	06	4	4	..
3550	36.3	+33 7	8.5	8.52	08	2	19	..
"	"	" "	"	8.72	08b	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
4020	19 36.3	+10 27	7.7	8.11	08	3	18	*18*	A	19 39.5	+ 4 56	8.7	8.70	02g	3	1	23
"	"	" "	"	8.35	08b	3	"	*42*	3769	39.6	+35 15	8.8	8.90	04	1	25	17
3733	36.4	+23 29	6.2	6.60	08b	3	12	*19*	2938	39.8	+48 18	9.2	9.31	02	6	3	..
"	"	" "	"	6.47	08c	3	"	*06*	3738	39.8	+31 50	7.8	7.62	06	4	1	03
4210	36.4	+ 9 49	9.0	9.20	06	4	4	..	3452	39.8	+28 57	9.5	10.26	06	4	5	..
4048	36.6	+17 15	4.2	4.35	04c	3	13	10	3654	39.8	+26 54	6.8	6.39	08b	3	12	17
"	"	" "	"	4.56	04d	3	"	*11*	"	"	" "	"	6.64	08c	3	"	*08*
4212	36.6	+ 9 58	8.2	8.76	06	4	1	*19*	2245	39.9	+55 13	6.8	6.50	08b	3	12	02
3519	36.7	+32 37	9.0	9.08	06	4	3	..	"	"	" "	"	6.83	08c	3	"	*31*
3520	36.8	+32 27	9.3	9.22	06	4	3	..	4301	39.9	+ 0 59	8.7	8.98	07	2	8	*24*
3718	36.9	+31 58	8.4	8.43	06	4	3	..	3453	40.0	+28 52	9.4	9.33	06	4	5	..
3767	36.9	+22 13	6.7	6.44	08b	3	12	00	2940	40.2	+48 57	9.3	9.84	02	7	3	..
"	"	" "	"	6.51	08c	3	"	*07*	3457	40.4	+28 52	9.1	9.02	06	4	5	..
4191	36.9	+ 4 42	9.4	9.87	02	3	9	..	2941	40.6	+48 19	8.0	8.67	02	6	3	..
4275	36.9	+ 0 57	8.7	8.82	02	3	1	*63*	4701	40.6	− 3 7	6.7	6.57	08b	3	12	*07*
"	"	" "	"	8.70	02g	3	"	*51*	"	"	" "	"	6.51	08c	3	"	*01*
"	"	" "	"	8.51	07	3	8	*32*	5479	40.6	−18 15	9.5	10.24	07	2	25	..
..	37.2	+32 29	..	10.37	06	4	3	..	"	"	" "	"	9.04	08	2	"	..
4120	37.2	+ 3 22	9.5	9.38	02	3	9	..	5480	40.6	−18 24	9.1	9.16	07	4	24	..
5418	37.2	−16 15	9.2	10.18	07	4	24	..	"	"	" "	"	8.42	08	4	"	..
"	"	" "	"	10.34	08	4	"	..	2943	40.8	+48 41	8.0	8.39	02	6	3	..
3523	37.4	+32 14	9.2	9.82	06	4	3	..	3721	40.8	+29 31	8.2	8.28	06	4	5	..
3524	37.4	+32 39	9.4	10.27	06	4	3	..	*4138*	40.9	+ 4 0	7.3	7.16	06	4	1	*12*
..	37.4	+ 1 39	..	11.12	02	3	9	..	3722	41.0	+29 31	8.6	8.70	06	4	5	..
4074	37.4	+ 1 36	9.5	10.57	02	3	9	..	4218	41.0	+ 4 46	9.5	9.99	01	2	9	..
2932	37.5	+48 21	9.0	9.20	02	6	3	..	"	"	" "	"	10.18	01g	1	"	..
3419	37.5	+42 50	6.7	6.04	08b	3	12	35	"	"	" "	"	9.75	02	1	"	..
"	"	" "	"	6.19	08c	3	"	20	3780	41.1	+35 13	9.3	9.45	00	1	1	02
3954	37.5	+11 58	6.9	6.19	08b	3	12	07	"	"	" "	"	9.47	01	1	"	00
"	"	" "	"	6.42	08c	3	"	*16*	3724	41.1	+29 20	8.1	8.06	06	4	5	..
3526	37.8	+32 50	7.0	7.02	06	4	1	*08*	2057	41.3	+57 46	6.2	6.25	08b	3	12	06
"	"	" "	"	6.92	06b	1	"	02	"	"	" "	"	6.32	08c	3	"	*01*
3844	37.9	+40 9	9.0	8.96	00	1	25	01	3463	41.3	+28 51	9.5	9.72	06	4	5	..
3971	38.1	+ 2 38	9.3	9.81	02	3	9	..	2863	41.4	+50 40	8.0	8.03	08	2	19	..
4289	38.2	+ 0 46	9.4	10.00	02	3	9	..	"	"	" "	"	8.11	08b	2	"	..
5525	38.5	−14 45	8.7	9.11	07	3	1	*05*	3551	41.5	+32 29	9.4	10.04	07	4	5	..
3530	38.7	+32 14	9.5	10.48	06	4	3	..	4043	41.5	+10 22	3.0	2.95	04c	3	13	*15*
3447	38.8	+29 5	7.2	6.41	08b	3	12	03	"	"	" "	"	2.89	04d	3	"	*09*
"	"	" "	"	6.61	08c	3	"	*17*	2291	41.6	+56 47	6.3	6.24	08b	3	12	15
4029	38.8	+10 20	8.7	9.03	06	8	1	*01*	"	"	" "	"	6.22	08c	3	"	17
4292	38.8	+ 0 57	8.3	8.44	07	2	8	*15*	3553	41.8	+32 28	8.4	8.20	07	4	5	..
2936	39.3	+48 26	9.5	10.43	02	12	3	..	*3730*	41.8	+30 0	8.3	7.56	06	4	1	20
3763	39.3	+35 12	9.1	9.84	04	1	25	..	4045	41.8	+10 9	9.0	9.81	06	3	1	*29*
3710	39.3	+30 0	7.3	7.16	06	4	1	*04*	4046	41.8	+10 13	8.3	7.97	06	2	1	25
2937	39.4	+49 5	9.5	9.81	02	11	3	..	4047	41.8	+10 14	8.5	8.73	06	4	1	09
3764	39.4	+35 14	8.1	8.51	04	1	25	*44*	4097	41.8	+ 1 51	9.5	10.74	01	1	9	..
3451	39.5	+29 0	9.3	9.96	06	4	5	..	"	"	" "	"	10.85	02	1	"	..
4209	39.5	+ 4 56	8.7	8.80	01	2	1	13	2297	41.9	+53 46	8.5	8.38	04	3	17	..
"	"	" "	"	8.82	01g	2	"	11	"	"	" "	"	8.73	04b	3	"	..
"	"	" "	"	8.69	02	3	"	24	2945	41.9	+48 54	9.4	9.76	02	6	3	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
A	19	41.9	+48	54	9.4	10.00	05	4	4	. .
3234		41.9	+44	53	3.0	3.09	05c	3	13	*12*
“		“	“	“	“	2.77	05d	3	“	20
3467		41.9	+28	55	9.1	9.02	01	6	25	02
“		“	“	“	“	8.97	01g	6	“	07
3786		42.0	+35	51	7.0	6.28	08b	3	12	*28*
“		“	“	“	“	6.00	08c	3	“	00
4307		42.0	+ 0	53	9.5	10.78	01	2	9	. .
“		“	“	“	“	10.40	02	1	“	. .
2869		42.1	+50	17	8.3	9.20	07	4	24	. .
3729		42.1	+30	7	8.6	8.51	06	4	1	00
“		“	“	“	“	8.57	07	4	“	*06*
3937		42.1	+15	46	9.5	10.38	07	2	25	. .
“		“	“	“	“	10.07	08	2	“	. .
. .		42.2	+28	1	. .	10.09	05	3	24	. .
“		“	“	“	“	9.72	06	4	“	. .
“		“	“	“	“	10.12	08	4	“	. .
3555		42.3	+32	25	9.5	10.14	07	4	5	. .
3734		42.3	+29	8	9.0	9.13	06	4	5	. .
3472		42.3	+28	39	8.7	8.26	06	4	5	. .
3989		42.3	+ 2	47	9.1	9.89	01	2	9	. .
“		“	“	“	“	9.70	02	1	“	. .
3765		42.4	+31	52	7.2	7.57	06	4	1	*29*
4146		42.4	+ 3	48	9.3	9.34	01	2	9	. .
“		“	“	“	“	8.98	02	1	“	. .
4314		42.5	+ 0	51	7.0	6.90	06	4	1	*07*
3556		42.7	+32	34	9.0	8.86	07	4	5	. .
. .		42.7	+32	31	. .	12.52	07	4	5	. .
. .		42.7	+32	29	. .	10.77	07	4	5	. .
. .		42.8	+32	26	. .	10.68	07	2	5	. .
3559		42.8	+32	24	9.2	9.78	07	4	5	. .
3669		42.8	+26	27	9.0	8.70	02	8	5	. .
“		“	“	“	“	8.79	02g	1	“	. .
3670		42.8	+26	38	9.3	9.36	02	8	5	. .
3560		42.9	+32	27	8.8	8.60	07	4	5	. .
3736		42.9	+30	11	8.4	8.27	06	4	1	*16*
“		“	“	“	“	8.25	07	4	“	*14*
4240		42.9	+18	17	4.0	3.92	04c	3	13	*14*
“		“	“	“	“	3.89	04d	3	“	*11*
. .		42.9	+15	48	. .	10.03	07	4	24	. .
“		“	“	“	“	10.02	08	4	“	. .
. .		43.0	+32	27	. .	11.28	07	4	5	. .
. .		43.2	+48	53	. .	10.38	05	4	4	. .
3710		43.3	+35	1	9.0	8.87	00	2	1	*10*
“		“	“	“	“	8.76	01	1	“	01
3743		43.3	+30	2	9.3	9.36	00	2	1	*10*
“		“	“	“	“	9.12	01	1	“	14
“		“	“	“	“	9.28	06	4	“	*02*
“		“	“	“	“	9.21	07	4	“	05
. .		43.5	+48	51	. .	11.30	05	4	4	. .
3743	19	43.5	+30	11	8.9	9.00	00	2	1	*09*
“		“	“	“	“	8.91	01	1	“	00
“		“	“	“	“	8.88	07	4	“	03
2949		43.6	+48	12	8.7	8.54	02	6	3	. .
. .		43.8	+48	54	. .	9.95	05	8	4	. .
. .		43.8	+48	50	. .	10.93	05	4	4	. .
3565		43.8	+32	18	8.3	8.39	07	4	5	*15*
3566		43.8	+32	35	9.5	10.27	07	4	5	. .
3747		43.8	+30	16	9.2	9.27	00	2	1	04
“		“	“	“	“	9.26	01	1	“	05
“		“	“	“	“	9.18	07	4	“	13
3758		43.9	+38	9	6.1	5.97	08b	3	12	*30*
“		“	“	“	“	5.79	08c	3	“	*12*
332		44.0	+85	9	9.2	10.01	08	8	24	. .
. .		44.0	+48	49	. .	11.72	05	4	4	. .
3671		44.0	+26	39	9.2	9.25	02	8	5	61
3672		44.0	+27	6	9.5	9.70	02	16	5	. .
. .		44.2	+48	46	. .	10.79	05	4	4	. .
2950		44.2	+48	40	8.6	8.71	02	6	3	. .
“		“	“	“	“	8.79	05	4	4	. .
. .		44.2	+10	12	. .	12.19	03r	9	14	. .
3719		44.3	+35	0	9.0	9.18	00	2	1	*31*
“		“	“	“	“	8.94	01	1	“	*07*
3675		44.4	+26	40	9.4	9.74	02	8	5	. .
4254		44.5	+18	53	5.0	4.99	04b	1	13	*04*
“		“	“	“	“	5.04	04c	3	“	*09*
“		“	“	“	“	4.96	04d	1	“	*01*
3996		44.5	+ 2	45	9.3	9.70	01	2	9	. .
“		“	“	“	“	9.46	02	1	“	. .
2952		44.9	+48	42	9.0	9.67	05	4	4	. .
2975		45.2	+45	12	8.8	8.90	08r	3	1	17
“		“	“	“	“	9.14	08b	3	“	*07*
4326		45.2	+ 0	13	8.9	9.15	01	2	1	*12*
“		“	“	“	“	9.04	01g	2	“	*01*
“		“	“	“	“	9.32	02	1	“	*29*
“		“	“	“	“	9.00	02g	1	“	03
4252		45.5	+ 7	39	7.0	6.42	08b	3	12	*03*
“		“	“	“	“	6.32	08c	3	“	07
4242		45.6	+ 4	14	9.5	9.58	06	4	3	. .
4330		45.8	+ 1	3	9.0	9.08	07	1	8	26
4331		45.8	+ 0	36	7.3	7.68	06	4	1	10
3772		45.9	+38	28	6.8	6.22	08b	3	12	*01*
“		“	“	“	“	6.08	08c	3	“	13
3493		45.9	+28	12	6.8	6.22	08b	3	12	07
“		“	“	“	“	6.23	08c	3	“	06
3679		45.9	+26	55	8.1	7.91	02	9	5	35
4243		45.9	+ 4	11	7.8	7.75	06	4	3	. .
4244		45.9	+ 4	56	9.3	9.76	01	2	9	. .
“		“	“	“	“	9.82	01g	1	“	. .
“		“	“	“	“	9.43	02	1	“	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4168	19 45.9	+ 3 42	9.4	9.54	01	2	9	..
"	"	" "	"	9.40	02	1	"	..
3589	46.2	+32 24	8.0	8.44	00	6	5	*41*
"	"	" "	"	8.05	01	10	R	*02*
"	"	" "	"	7.91	01g	6	25	12
3683	46.2	+26 50	9.5	10.04	02	16	5	..
..	46.3	+ 4 7	..	11.50	06	4	3	..
4170	46.3	+ 4 0	8.7	8.38	06	4	3	..
3742	46.4	+35 1	9.0	9.00	00	2	1	12
"	"	" "	"	9.34	01	1	"	*22*
3684	46.4	+26 27	8.5	7.82	02	8	5	..
4172	46.4	+ 3 51	6.8	6.60	06	4	3	00
4116	46.4	+ 1 54	9.5	11.16	01	2	9	..
"	"	" "	"	10.93	02	1	"	..
4288	46.5	+ 9 23	7.1	6.29	08b	3	12	00
"	"	" "	"	6.20	08c	3	"	09
..	46.5	+ 4 10	..	12.19	06	4	3	..
1082	46.6	+68 11	6.4	6.34	08b	2	12	01
"	"	" "	"	6.32	08c	2	"	03
..	46.7	+32 48	..	11.06	00	4	5	..
"	"	" "	"	11.64	01	2	"	..
4334	46.7	+ 0 52	9.5	10.91	01	2	9	..
"	"	" "	"	10.96	02	1	"	..
3265	46.8	+44 54	8.2	7.94	08r	4	18	..
"	"	" "	"	8.04	08b	3	"	..
3833	46.8	+22 21	5.7	5.06	04b	3	13	*15*
"	"	" "	"	4.95	04c	3	"	*04*
..	46.8	+14 45	..	11.29	07	4	24	..
"	"	" "	"	10.56	08	4	"	..
4254	46.8	+ 4 55	8.5	8.54	01	1	1	06
"	"	" "	"	8.58	01g	1	"	02
"	"	" "	"	8.38	02	2	"	22
"	"	" "	"	8.26	02g	2	"	34
..	46.9	+48 42	..	10.19	06	1	24	..
..	46.9	+32 43	..	10.94	00	4	5	..
"	"	" "	"	11.62	01	2	"	..
3688	46.9	+26 34	8.5	8.16	02r	7	5	..
..	46.9	+ 4 15	..	11.62	06	4	3	..
..	46.9	+ 4 13	..	12.94	06	4	3	..
..	47.0	+ 4 19	..	11.51	06	4	3	..
..	47.1	+32 38	..	10.67	00	4	5	..
"	"	" "	"	10.89	01	2	"	..
3636	47.2	+37 35	7.0	6.38	08b	4	12	*02*
"	"	" "	"	6.47	08c	4	"	*11*
3830	47.2	+35 9	8.7	8.70	00	2	1	*03*
"	"	" "	"	8.82	01	1	"	*15*
"	"	" "	"	8.70	08	2	1	*03*
"	"	" "	"	8.78	08b	2	"	*11*
..	47.2	+32 44	..	11.40	00	4	5	..
"	"	" "	"	10.88	01	2	"	..
	h. m.	° ′						
4255	19 47.2	+ 4 19	9.5	10.08	06	4	3	..
4174	47.2	+ 3 50	9.3	9.08	06	4	3	..
4073	47.3	+14 16	9.5	9.86	07	2	25	..
"	"	" "	"	9.51	08	2	"	..
4267	47.3	+ 7 12	7.5	7.12	06	4	1	05
..	47.4	+32 40	..	11.26	00	4	5	..
"	"	" "	"	10.99	01	2	"	..
3536	47.4	+27 12	7.9	7.58	02	7	5	..
"	"	" "	"	7.35	02g	2	"	..
4019	47.4	+11 23	6.5	6.25	08b	3	12	*07*
"	"	" "	"	6.15	08c	3	"	03
4176	47.4	+ 4 2	9.4	8.47	06	4	3	..
..	47.5	+ 4 10	..	10.04	06	4	3	..
3120	47.6	+49 59	9.0	9.43	05	3	1	*31*
"	"	" "	"	9.44	05b	1	"	*32*
4276	47.9	+18 25	6.6	6.17	08b	3	12	12
"	"	" "	"	6.18	08c	3	"	11
2937	48.3	+47 9	6.2	6.19	08b	3	12	05
"	"	" "	"	6.22	08c	3	"	02
15668	48.3	−24 11	6.4	6.67	08b	4	12	*39*
"	"	" "	"	6.86	08c	4	"	*58*
1070	48.5	+70 1	3.8	3.90	05c	3	13	09
"	"	" "	"	3.95	05d	3	"	04
3744	48.7	+36 11	6.3	6.11	08b	3	12	22
"	"	" "	"	6.30	08c	3	"	03
3793	48.8	+30 7	8.8	8.96	00	2	1	20
"	"	" "	"	9.02	01	1	"	14
2905	49.0	+50 16	8.0	8.13	05	3	1	19
"	"	" "	"	8.16	05b	1	"	16
3633	49.0	+33 56	7.7	7.89	08	2	19	..
"	"	" "	"	8.29	08b	2	"	..
3820	49.2	+23 50	4.6	4.74	04b	1	13	*24*
"	"	" "	"	4.48	04c	3	"	02
"	"	" "	"	4.58	04d	2	"	*08*
3658	49.4	+37 8	8.1	7.64	08	3	18	..
"	"	" "	"	7.85	08b	3	"	..
4261	49.4	+ 8 12	5.2	4.94	04b	2	13	*08*
"	"	" "	"	4.84	04c	3	"	02
"	"	" "	"	4.99	04d	1	"	*13*
4271	49.4	+ 4 38	9.5	10.07	01	1	9	..
"	"	" "	"	9.62	02	2	"	..
4186	49.4	+ 3 42	8.9	8.72	06	4	3	..
4026	49.4	+ 2 42	9.5	11.33	02	3	9	..
4188	49.7	+ 3 33	9.4	10.36	01	1	9	..
"	"	" "	"	9.78	02	2	"	..
4312	49.8	+ 9 30	7.5	7.23	06	4	1	05
5102	49.9	− 7 0	6.3	6.67	08b	3	12	*22*
"	"	" "	"	6.65	08c	3	"	*20*
4137	50.0	+ 1 39	9.4	10.50	01	1	9	..
"	"	" "	"	10.08	02	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2945	19 50.1	+47 34	6.8	6.04	08b	3	12	11	3866	19 53.0	− 1 45	9.5	10.34	06	4	4	. .
"	"	" "	"	6.25	08c	3	"	*10*	5123	53.0	− 7 50	9.4	10.00	05	1	3	. .
4349	50.3	+ 0 52	9.5	10:99	01	1	9	. .	"	"	" "	"	10.31	06	2	"	. .
"	"	" "	"	10.68	02	2	"	. .	5155	53.1	− 2 30	7.5	6.82	05	1	1	22
3803	50.4	+30 16	8.7	8.72	00	2	1	38	"	"	" "	"	7.11	06	2	"	*07*
"	"	" "	"	8.89	01	1	"	21	3820	53.2	+29 33	8.2	7.81	08	2	19	. .
4357	50.4	+ 6 9	4.0	3.92	04c	3	13	*02*	"	"	" "	"	8.04	08b	2	"	. .
"	"	" "	"	3.82	04d	3	"	08	3872	53.3	− 1 50	9.2	9.65	06	4	4	. .
5147	50.7	− 2 10	8.7	8.78	06	4	4	. .	714	53.4	+75 8	8.5	9.11	05	3	1	*34*
2913	50.9	+50 8	8.9	9.52	01	4	1	*10*	"	"	" "	"	9.19	05b	3	"	*42*
"	"	" "	"	9.29	05	3	"	13	"	"	" "	"	9.04	06	3	"	*27*
"	"	" "	"	9.20	05b	1	"	22	"	"	" "	"	9.00	06b	3	"	*23*
3725	51.3	+26 27	8.4	8.52	08	4	7	. .	2092	53.4	+57 59	6.3	6.22	08b	3	12	*03*
5149	51.6	− 2 34	8.8	9.03	06	4	4	. .	"	"	" "	"	6.17	08c	3	"	02
. .	51.7	− 2 11	. .	12.17	06	4	4	. .	. .	53.4	− 8 10	. .	12.08	05	2	3	. .
. .	51.8	− 2 9	. .	11.95	06	4	4	. .	"	"	" "	"	12.30	06	2	"	. .
5150	51.8	− 2 24	9.8	10.53	06	4	4	. .	4157	53.5	+ 1 45	9.5	10.54	01	1	9	. .
5151	52.1	− 2 15	8.7	8.82	06	4	4	. .	"	"	" "	"	10.18	02	2	"	. .
. .	52.1	− 2 18	. .	11.82	06	4	4	. .	. .	53.5	− 8 0	. .	11.25	05	2	3	. .
5175	52.1	− 8 21	8.8	8.64	05	1	3	. .	"	"	" "	"	11.52	06	2	"	. .
"	"	" "	"	8.77	06	3	"	. .	4296	53.6	+ 4 52	9.5	11.11	01	1	9	. .
3817	52.3	+38 13	5.5	4.86	04b	3	13	01	"	"	" "	"	10.86	02	2	"	. .
"	"	" "	"	4.97	04c	3	"	*10*	*5183*	53.6	− 7 57	9.4	10.10	05	2	3	. .
4286	52.4	+ 4 57	8.5	8.51	01	2	1	04	"	"	" "	"	10.50	06	2	"	. .
"	"	" "	"	8.54	01g	2	"	01	. .	53.8	+26 26	. .	9.74	08	4	7	. .
"	"	" "	"	8.52	02	2	"	03	4373	53.8	+ 0 50	9.3	10.93	01	1	9	. .
"	"	" "	"	8.22	02g	2	"	33	"	"	" "	"	10.48	02	2	"	. .
. .	52.4	− 1 57	. .	10.56	06	4	4	. .	*5185*	53.8	− 7 58	9.1	9.22	05	2	3	. .
. .	52.4	− 2 12	. .	11.84	06	4	4	. .	"	"	" "	"	9.23	06	2	"	. .
. .	52.4	− 2 19	. .	11.95	06	4	4	. .	4044	53.9	+25 13	9.0	9.06	08	4	1	*05*
5303	52.5	− 9 19	7.4	7.46	05	1	1	12	4051	53.9	+ 2 40	9.5	10.76	01	1	9	. .
"	"	" "	"	7.46	06	2	"	12	"	"	" "	"	10.47	02	2	"	. .
3798	52.6	+34 49	4.2	4.01	04b	2	13	02	. .	53.9	− 8 9	. .	12.58	05	2	3	. .
"	"	" "	"	4.02	04c	3	"	01	"	"	" "	"	12.40	06	2	"	. .
. .	52.6	− 2 14	. .	11.46	06	4	4	. .	4212	54.0	+ 3 52	9.5	10.49	01	1	9	. .
5153	52.6	− 2 17	9.2	9.25	06	4	4	. .	"	"	" "	"	10.20	02	2	"	. .
5319	52.6	− 6 43	7.5	7.64	05	1	1	*06*	5186	54.0	− 8 21	7.8	7.62	05	1	3	. .
"	"	" "	"	7.61	06	2	"	*03*	"	"	" "	"	7.59	05b	1	"	. .
5178	52.8	− 8 17	8.5	8.77	05r	1	3	. .	"	"	" "	"	8.02	06	2	"	. .
"	"	" "	"	8.60	06	2	"	. .	3746	54.1	+26 26	9.2	9.59	08	4	7	. .
3138	52.9	+49 59	8.9	9.62	01	4	1	05	. .	54.1	− 8 8	. .	12.85	05	2	3	. .
"	"	" "	"	9.45	05	3	"	22	*5607*	54.1	−11 59	7.5	7.49	05	2	1	05
"	"	" "	"	9.50	05b	1	"	17	"	"	" "	"	7.35	06	1	"	19
3739	52.9	+26 18	8.9	8.82	08	4	7	. .	. .	54.2	− 8 8	. .	11.06	05r	2	3	. .
4367	52.9	+ 0 14	8.8	9.33	01	1	1	*25*	"	"	" "	"	11.47	06	2	"	. .
"	"	" "	"	9.39	01g	1	"	*31*	5188	54.2	− 8 8	9.8	10.26	05	3	3	. .
"	"	" "	"	8.96	02	2	"	12	"	"	" "	"	10.74	06	2	"	. .
"	"	" "	"	9.08	02g	2	"	00	4229	54.3	+19 13	3.8	3.61	04c	3	13	10
2572	53.0	+52 10	5.5	5.04	05c	3	13	*24*	"	"	" "	"	3.67	04d	3	"	04
"	"	" "	"	5.01	05d	3	"	*21*	*4375*	54.3	+ 1 7	6.7	6.45	07	1	8	*10*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
333	19 54.5	+85 22	9.5	10.67	08	4	25	..
4009	54.5	+15 11	9.5	10.45	04	1	25	..
3839	54.8	+30 13	9.0	9.14	02	1	10	02
“	“	“ “	“	9.09	02g	1	“	07
3703	54.9	+37 50	6.7	6.40	08b	3	12	*12*
“	“	“ “	“	6.30	08c	3	“	*02*
3144	55.2	+50 5	8.5	8.88	01	4	1	*21*
“	“	“ “	“	8.90	05	3	“	*23*
“	“	“ “	“	8.88	05b	1	“	*21*
3022	55.3	+45 8	8.4	8.45	05	3	1	15
“	“	“ “	“	8.65	05b	3	“	*05*
“	“	“ “	“	8.70	06	3	“	*10*
“	“	“ “	“	8.69	06b	3	“	*09*
4372	55.4	+ 5 14	9.0	9.65	10	4	1	*29*
4360	55.5	+ 9 17	9.1	9.67	06	8	17	..
4374	55.5	+ 5 12	9.0	9.56	10	4	1	*10*
5613	55.5	−12 31	7.3	7.82	05	2	1	*18*
“	“	“ “	“	7.85	06	1	“	*21*
5531	55.5	−14 58	8.8	9.64	01	5	1	*63*
4382	55.6	+ 1 5	8.5	8.28	07	3	8	46
3879	55.7	− 1 53	9.2	9.58	06	4	1	*21*
5141	55.7	− 7 39	9.8	10.32	08	8	24	..
5142	55.7	− 7 33	9.9	10.56	08	3	25	..
5534	55.7	−15 1	8.0	7.98	01	4	1	*13*
4366	55.9	+ 9 21	9.5	11.50	07	2	25	..
4385	56.1	+ 1 3	8.6	9.25	07	2	8	*16*
3147	56.3	+50 1	9.0	9.40	01r	5	4	*03*
4369	56.3	+ 9 14	8.7	8.72	06	4	24	..
“	“	“ “	“	9.10	07	4	“	..
4381	56.3	+ 5 22	7.8	7.58	10	4	1	*02*
3684	56.4	+33 51	9.3	9.34	02	1	10	..
4313	56.6	+ 4 58	9.0	9.18	10	4	1	17
843	56.9	+74 52	9.5	10.26	05	6	11	..
3153	56.9	+49 37	9.0	9.04	01r	4	4	..
3587	57.0	+27 29	5.0	4.60	04b	2	13	14
“	“	“ “	“	4.65	04c	3	“	09
“	“	“ “	“	4.81	04d	1	“	*07*
4316	57.0	+ 4 34	9.5	10.27	01	1	9	..
“	“	“ “	“	10.25	02	2	“	..
..	57.1	+30 32	..	10.61	08	8	24	..
2733	57.2	+52 0	8.4	8.43	08	2	19	..
“	“	“ “	“	8.76	08b	2	“	..
..	57.2	+49 42	..	11.92	01r	5	4	..
1584	57.3	+63 16	6.5	6.19	08b	3	12	*23*
“	“	“ “	“	6.13	08c	3	“	*17*
3855	57.3	+30 41	9.5	10.63	08	6	25	..
3820	57.5	+36 49	6.7	6.34	08b	3	12	05
“	“	“ “	“	6.47	08c	3	“	*08*
3857	57.5	+29 56	8.1	7.67	08	3	18	..
“	“	“ “	“	7.52	08b	3	“	..
	h. m.	° ′						
716	19 57.7	+75 37	9.1	9.34	05	6	11	*02*
3860	57.7	+30 43	9.5	10.63	02	1	10	..
3860	57.7	+30 4	9.0	8.98	08	3	1	13
“	“	“ “	“	9.23	08b	3	“	*12*
4074	57.7	+ 2 48	9.5	10.18	01	1	9	..
“	“	“ “	“	9.76	02	2	“	..
4396	57.7	+ 0 49	9.5	10.09	01	1	9	..
“	“	“ “	“	9.82	02	2	“	..
717	57.8	+75 18	8.5	9.00	05	4	1	*03*
“	“	“ “	“	8.86	05b	2	“	11
“	“	“ “	“	8.90	06	3	“	07
“	“	“ “	“	8.97	06b	3	“	00
3841	57.8	+34 36	9.3	9.14	02	1	10	..
3678	57.8	+32 53	9.3	9.40	02	1	10	..
..	57.8	+32 18	..	11.16	05	4	24	..
“	“	“ “	“	11.02	08	4	“	..
3894	57.8	+31 55	9.5	10.26	02	1	10	..
3861	57.8	+30 40	9.5	10.72	08	2	25	..
4231	57.9	+ 3 50	9.5	10.68	01	1	9	..
“	“	“ “	“	10.14	02	2	“	..
..	58.1	+49 42	..	12.12	01r	5	4	..
3156	58.2	+49 58	8.5	8.65	01r	5	4	17
..	58.2	+49 45	..	11.07	01r	4	4	..
844	58.3	+74 33	9.4	9.74	05	6	11	..
3157	58.3	+49 44	9.3	9.56	01r	5	4	..
4190	58.3	+ 1 50	9.5	10.44	01	1	9	..
“	“	“ “	“	9.96	02	2	“	..
..	58.4	+49 54	..	12.00	01r	6	4	..
..	58.5	+30 33	..	11.08	08	8	24	..
4394	58.5	+20 46	9.4	9.95	08	8	24	..
4395	58.5	+20 57	9.5	11.15	08	2	25	..
4400	58.5	+ 1 5	8.8	9.19	07	1	8	*10*
..	58.6	+49 58	..	11.32	01r	5	4	..
3160	58.6	+49 36	9.3	10.28	01r	5	4	..
3038	58.6	+45 11	7.9	7.69	05	3	1	*17*
“	“	“ “	“	7.19	05b	3	“	33
“	“	“ “	“	7.75	06	3	“	*23*
“	“	“ “	“	7.30	06b	3	“	22
5159	58.6	− 7 45	6.7	6.82	08b	3	12	*32*
“	“	“ “	“	6.84	08c	3	“	*34*
..	58.7	+49 54	..	11.23	01r	6	4	..
..	58.8	+49 54	..	10.53	01r	6	4	..
..	58.8	+49 46	..	11.66	01	6	4	..
4365	58.8	+18 14	7.0	6.03	08b	3	12	11
“	“	“ “	“	6.19	08c	3	“	*05*
3318	59.0	+44 9	8.7	8.77	03	7	16	..
5547	59.0	−14 54	8.7	8.90	01	4	1	01
..	59.1	+75 9	..	13.43	05	7	11	..
..	59.2	+75 12	..	12.77	05	6	11	..
..	59.2	+45 1	..	11.76	05	6	11	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
718	19	59.3	+75	27	7.2	7.20	05	3	1	12	A	20	0.7	−13	10	9.3	10.08	08	4	22	..
“		“	“	“	“	7.05	05b	3	“	27	3474		0.8	+43	22	8.9	9.45	03	7	16	..
“		“	“	“	“	7.18	06	3	“	14	3852		0.8	+36	32	8.7	9.09	08	9	24	..
“		“	“	“	“	7.11	06b	3	“	21	4244		0.8	+ 3	23	8.7	8.00	10	4	7	..
2958		59.3	+50	16	7.8	8.09	01	7	4	18	4245		0.8	+ 3	29	9.3	10.45	10	4	7	..
3163		59.3	+49	43	8.7	8.72	01	7	4	..	3475		0.9	+43	25	9.4	9.45	03	2	16	..
..		59.4	+45	0	..	12.27	05	6	11	..	..		0.9	+41	16	..	12.40	07	4	7	..
..		59.5	+44	58	..	13.16	05	6	11	..	4246		0.9	+ 3	47	9.5	10.03	10	4	7	..
3872		59.5	+29	38	6.0	5.84	08	1	19	*16*	3598		1.0	+41	12	9.3	9.92	07	4	7	..
“		“	“	“	“	5.65	08b	3	“	03	4093		1.0	+25	11	8.4	8.05	04	3	1	16
4330		59.5	+ 4	54	8.5	8.55	10	4	1	25	“		“	“	“	“	8.24	04b	3	“	*03*
..		59.6	+44	59	..	12.44	05	7	11	..	“		“	“	“	“	8.32	08	4	“	*11*
..		59.7	+44	53	..	13.22	05	8	11	..	..		1.1	+41	6	..	11.34	07	4	7	..
3908		59.7	+23	5	7.0	7.38	08	2	19	*18*	4199		1.1	+ 1	53	9.0	9.40	01	1	9	..
“		“	“	“	“	7.28	08b	2	“	*08*	“		“	“	“	“	9.35	02	2	“	..
3325		59.8	+44	59	9.5	10.57	05	12	11	..	1407		1.2	+64	21	6.5	6.15	08b	3	12	50
..		59.8	+43	43	..	11.53	03	7	16	..	“		“	“	“	“	6.34	08c	3	“	31
845		59.9	+74	36	8.5	8.92	05	6	11	..	3177		1.2	+49	18	9.4	9.57	01	6	4	..
3326	20	0.0	+45	0	9.5	10.88	05	6	11	..	*3331*		1.2	+45	1	9.4	10.65	03	2	16	..
..		0.0	+43	47	..	12.14	03	7	16	..	“		“	“	“	“	10.94	03g	2	“	..
3465		0.0	+43	44	9.4	10.05	03	7	16	..	“		“	“	“	“	9.93	05	6	11	..
..		0.1	+43	45	..	11.14	03	7	16	..	3863		1.2	+34	42	9.5	9.90	02	1	10	..
3466		0.1	+43	30	9.1	9.56	03	7	16	..	3883		1.2	+30	33	9.5	9.98	02	1	10	..
4240		0.1	+ 3	27	9.5	10.48	10	4	7	..	3332		1.3	+44	42	8.4	8.93	03	7	16	..
4242		0.2	+ 3	51	9.0	9.14	10	4	7	..	“		“	“	“	“	8.95	05	6	11	..
3467		0.3	+43	45	9.1	9.65	03	14	16	..	..		1.3	+41	16	..	12.08	07	4	7	..
..		0.3	+43	42	..	12.17	03	7	16	..	5640		1.3	−14	45	9.0	9.10	01	4	1	21
..		0.3	+41	14	..	11.32	07	4	7	..	2124		1.4	+57	32	8.9	9.04	99	3	2	*28*
..		0.3	+41	10	..	12.56	07	5	7	..	“		“	“	“	“	8.86	09r	7	“	*10*
4413		0.3	+20	14	9.5	10.77	08	4	25	..	..		1.4	+41	13	..	10.16	07	4	7	..
2965		0.4	+50	11	7.1	7.52	01	7	1	*05*	3725		1.4	+33	30	9.5	9.93	02	1	10	..
3170		0.4	+50	1	7.0	7.32	01	7	4	20	3697		1.4	+32	30	9.5	9.77	02	1	10	..
3045		0.4	+45	20	8.8	8.94	05	6	11	..	4089		1.4	+ 2	41	9.2	9.70	01	1	9	..
..		0.4	+41	18	..	12.60	07	4	7	..	“		“	“	“	“	9.44	02	2	“	..
3329		0.5	+44	53	9.0	9.49	05	6	11	..	5641		1.4	−14	47	9.1	9.62	01	1	4	..
..		0.5	+43	44	..	12.47	03	7	16	..	3896		1.5	+38	12	6.8	6.06	08b	3	12	50
3468		0.5	+43	38	9.3	9.51	03	7	16	..	“		“	“	“	“	6.17	08c	3	“	39
3594		0.5	+41	27	9.5	10.29	07	4	7	..	4252		1.5	+ 3	44	9.4	10.69	01	1	9	..
..		0.5	+41	17	..	12.53	07	4	7	..	“		“	“	“	“	10.00	02	2	“	..
3848		0.5	+36	54	8.1	7.88	04	3	17	..	4414		1.5	+ 0	46	9.3	10.39	01	1	9	..
“		“	“	“	“	7.64	04b	3	“	..	“		“	“	“	“	9.72	02	2	“	..
“		“	“	“	“	8.27	06	4	“	..	*3334*		1.6	+45	7	9.2	9.79	03	1	1	*02*
“		“	“	“	“	8.32	06b	3	“	..	“		“	“	“	“	10.21	03g	1	“	*44*
3850		0.6	+36	26	9.5	9.78	08	4	25	..	“		“	“	“	“	9.66	05	3	1	11
3913		0.6	+22	55	7.3	6.60	08b	3	12	*19*	“		“	“	“	“	9.84	05b	3	“	*07*
“		“	“	“	“	6.50	08c	4	“	*09*	“		“	“	“	“	9.67	06	3	“	10
3472		0.7	+43	51	9.5	10.66	03	7	16	..	“		“	“	“	“	9.87	06b	3	“	*10*
4417		0.7	+20	22	8.9	8.26	08	8	24	..	*4005*		1.6	+41	6	9.2	9.59	07	4	7	..
5573		0.7	−13	10	9.3	9.84	06r	2	22	..	4097		1.6	+25	19	7.8	8.09	08	4	1	17
“		“	“	“	“	9.87	07	4	17	..	3933		1.7	+31	30	9.5	9.22	02	1	10	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
3335	20	1.8	+44	32	8.2	8.41	03	7	16	..
“		“	“	“	“	8.14	05	6	11	..
3336		1.8	+44	49	9.3	9.86	05	6	11	..
3478		1.8	+43	37	9.5	10.27	03r	6	16	..
4224		1.8	+12	10	8.3	8.64	07	4	3	..
3888		2.0	+30	10	8.9	8.40	02	1	10	11
“		“	“	“	“	8.38	02g	1	“	13
4099		2.0	+25	11	8.2	8.22	04	3	1	*11*
“		“	“	“	“	7.88	04b	3	“	23
4226		2.0	+12	39	7.4	7.48	07	4	3	*25*
..		2.1	+75	21	..	10.34	05	6	11	..
3051		2.1	+45	15	9.4	10.01	05	2	11	..
“		“	“	“	“	10.06	05b	2	“	..
“		“	“	“	“	10.16	06	1	“	..
“		“	“	“	“	10.21	06b	1	“	..
719		2.2	+75	11	9.4	9.66	05	12	11	..
4227		2.2	+12	31	9.4	9.60	07	4	3	..
4347		2.2	+ 4	49	9.5	10.52	01	2	9	..
“		“	“	“	“	10.09	02	2	“	..
4421		2.2	+ 1	4	9.5	10.42	07	2	8	..
1222		2.3	+67	35	5.1	4.79	05c	3	13	*13*
“		“	“	“	“	4.84	05d	3	“	*18*
2128		2.3	+57	44	9.0	9.62	99	3	2	*19*
“		“	“	“	“	9.40	09	7	2	03
..		2.3	+12	35	..	10.80	07	4	3	..
3871		2.4	+35	6	8.3	7.99	02	1	10	*07*
“		“	“	“	“	7.98	02g	1	“	*06*
..		2.5	+75	9	..	12.12	05	6	11	..
2976		2.5	+50	10	7.6	7.94	01	4	1	*62*
..		2.5	+12	37	..	10.58	07	4	3	..
4425		2.5	+ 1	8	9.3	9.68	07	2	8	..
2129		2.6	+57	20	7.5	7.61	99	3	2	27
“		“	“	“	“	7.73	09	7	“	15
4230		2.6	+12	45	9.2	9.30	07	4	3	..
..		2.7	+12	38	..	11.68	07	4	3	..
..		2.7	+12	37	..	11.36	07	4	3	..
..		2.7	+ 1	1	..	12.18	07	2	8	..
..		2.8	+75	8	..	12.19	05	6	11	..
3340		2.8	+44	44	8.0	8.31	05	6	11	..
..		2.8	+ 1	4	..	10.86	07	2	8	..
..		2.9	+ 1	3	..	11.54	07	2	8	..
5648		2.9	−14	32	7.5	7.65	01	3	1	*09*
“		“	“	“	“	7.32	01g	1	“	24
5722		2.9	−19	48	9.0	9.38	01r	4	1	00
2130		3.0	+57	39	9.3	10.27	99	3	2	..
“		“	“	“	“	10.09	09	7	“	..
3055		3.1	+46	0	8.8	8.91	07	4	5	..
..		3.1	+12	38	..	10.80	07	4	3	..
..		3.1	+12	36	..	11.61	07	4	3	..
4232		3.3	+12	35	9.4	10.36	07	4	3	..
..	20	3.4	+57	48	..	12.72	99	3	2	..
“		“	“	“	“	12.72	09	6	“	..
3343		3.4	+45	3	9.0	9.15	03	4	1	*08*
“		“	“	“	“	9.13	03g	3	“	*06*
“		“	“	“	“	9.17	05	3	“	*10*
“		“	“	“	“	9.08	05b	3	“	*01*
“		“	“	“	“	9.01	06	3	“	06
“		“	“	“	“	9.28	06b	3	“	*21*
..		3.5	+75	7	..	11.39	05	6	11	..
1593		3.5	+63	36	6.5	6.26	08b	2	12	*08*
“		“	“	“	“	6.25	08c	2	“	*07*
..		3.5	+57	48	..	11.46	99	3	2	..
“		“	“	“	“	11.54	09r	6	“	..
2135		3.5	+57	43	8.9	9.39	99	3	2	*21*
“		“	“	“	“	9.23	09	7	“	*05*
..		3.5	+57	39	..	12.50	99	2	2	..
“		“	“	“	“	12.73	09	4	“	..
3057		3.5	+46	4	9.4	10.42	07	4	5	..
..		3.5	+46	2	..	11.80	07	4	5	..
4153		3.5	+16	24	6.5	6.28	08b	4	12	39
“		“	“	“	“	6.48	08c	4	“	19
..		3.6	+57	50	..	12.74	99	2	2	..
“		“	“	“	“	12.24	09	6	“	..
..		3.6	+57	45	..	12.17	99	3	2	..
“		“	“	“	“	12.24	09	5	“	..
..		3.6	+57	40	..	11.26	99	3	2	..
“		“	“	“	“	11.38	09	6	“	..
..		3.6	+57	32	..	10.93	99	3	2	..
“		“	“	“	“	10.89	09	6	“	..
3058		3.6	+46	3	9.2	9.92	07	4	5	..
3060		3.7	+45	16	8.8	9.31	03r	3	1	06
“		“	“	“	“	9.20	03g	3	“	17
“		“	“	“	“	9.33	05	3	“	04
“		“	“	“	“	9.55	05b	3	“	*18*
“		“	“	“	“	9.16	06	6	“	21
“		“	“	“	“	9.28	06b	2	“	09
“		“	“	“	“	9.23	07	5	“	14
3972		3.7	+35	38	8.6	8.45	02	6	7	..
..		3.7	+ 1	3	..	12.16	07	2	8	..
..		3.8	+57	36	..	11.00	99	3	2	..
“		“	“	“	“	11.16	09	6	“	..
3061		3.8	+45	24	8.5	8.78	05	2	11	..
..		3.8	+ 1	2	..	11.92	07	2	8	..
..		3.8	+ 1	1	..	11.44	07	2	8	..
..		3.9	+46	11	..	12.39	07	4	5	..
2852		4.0	+46	13	9.5	10.22	07	4	5	..
4432		4.0	+ 1	6	9.5	10.44	07	2	8	..
5652		4.0	−14	35	9.0	9.77	01	6	4	..
..		4.1	+46	16	..	11.02	07	4	5	..
4113		4.1	+26	4	8.1	8.13	05	4	5	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
. .	20 4.1	+ 1 4	. .	12.19	07	2	8	. .	*5574*	20 5.4	−14 51	9.8	11.64	01	6	4	. .
. .	4.1	+ 1 1	. .	11.18	07	2	8	. .	*5837*	5.4	−19 56	9.1	9.18	01	4	1	30
3063	4.2	+46 0	9.4	10.06	07	4	5	. .	3026	5.5	+47 59	9.4	9.70	06	4	5	. .
5654	4.2	−14 34	8.6	8.87	01	6	4	. .	3969	5.6	+31 13	9.3	9.14	02	1	10	. .
2139	4.3	+57 37	9.5	10.09	99	3	2	. .	3919	5.6	+29 26	8.0	7.84	08	2	19	. .
"	"	" "	"	10.05	09	6	"	.	"	"	" "	"	7.83	08b	2	"	. .
3347	4.3	+44 52	7.0	7.32	06	1	1	15	3907	5.7	+36 33	5.5	5.01	04b	3	13	*19*
"	"	" "	"	6.98	06b	1	"	49	"	"	" "	"	4.68	04c	3	"	14
3022	4.4	+47 54	8.0	7.72	06	4	5	. .	3995	5.7	+35 26	8.2	8.26	02	6	7	. .
4236	4.4	+12 45	8.0	8.06	07	4	3	. .	3890	5.7	+34 25	9.5	10.00	02	1	10	. .
1226	4.5	+67 45	7.0	6.35	08b	3	12	21	3723	5.7	+32 31	9.5	10.37	02	1	10	. .
"	"	" "	"	6.59	08c	3	"	*03*	3921	5.7	+30 23	9.5	9.71	02	1	10	. .
4116	4.5	+26 0	7.8	7.69	05	4	5	. .	. .	5.7	+25 56	. .	11.70	05	4	5	. .
4199	4.5	+15 3	8.8	8.52	07	4	1	32	4365	5.7	+ 4 49	9.5	10.51	01	1	9	. .
3983	4.6	+35 10	9.0	9.06	09	4	1	*29*	"	"	" "	"	10.18	02	2	"	. .
3941	4.6	+23 8	8.1	8.24	08	2	19	. .	. .	5.8	−14 32	. .	12.25	01	2	4	. .
"	"	" "	"	7.88	08b	2	"	. .	2989	5.9	+50 18	6.8	7.74	01	4	1	*22*
4063	4.6	+15 48	8.2	8.53	02	6	4	04	3997	5.9	+35 28	9.4	9.76	02	12	7	. .
"	"	" "	"	8.64	08	2	19	*07*	4071	5.9	+15 44	7.8	8.24	02	6	4	*13*
"	"	" "	"	8.78	08b	2	"	*21*	"	"	" "	"	8.20	05	4	5	*09*
2855	4.7	+46 8	9.5	9.86	07	4	5	. .	4103	5.9	+ 2 25	9.5	10.41	01	1	9	. .
. .	4.7	+46 7	. .	11.38	07	4	5	. .	"	"	" "	"	9.64	02	2	"	. .
4017	4.7	+25 3	8.6	8.86	04	3	1	00	4438	5.9	+ 0 20	9.0	9.82	01	1	9	. .
"	"	" "	"	9.02	04b	3	"	*16*	"	"	" "	"	9.22	02	2	"	. .
5731	4.7	−19 41	7.0	7.43	01	3	1	*17*	3027	6.0	+47 57	8.9	9.11	06	4	5	. .
"	"	" "	"	7.04	01g	1	"	22	3028	6.0	+47 18	9.5	10.69	06	4	5	. .
3350	4.8	+44 56	7.7	8.14	03	4	1	*12*	. .	6.0	+25 59	. .	10.75	05	5	5	. .
"	"	" "	"	7.76	03g	2	"	26	*4027*	6.0	+25 5	8.6	8.95	04	3	1	*09*
3025	4.9	+47 16	8.1	8.21	06	4	5	. .	"	"	" "	"	9.01	04b	3	"	*15*
3066	4.9	+45 15	7.6	8.38	03	3	1	*24*	"	"	" "	"	8.86	05	4	"	00
"	"	" "	"	7.92	03g	3	"	22	4276	6.0	+ 3 36	9.4	9.85	01g	1	9	. .
"	"	" "	"	7.96	06	4	"	18	"	"	" "	"	9.78	02	2	"	. .
"	"	" "	"	8.09	07	5	"	05	5665	6.0	−14 42	9.8	11.41	01r	6	4	. .
3067	5.0	+45 59	9.1	9.24	02	9	25	. .	*3029*	6.1	+48 1	9.2	9.51	06	4	5	. .
"	"	" "	"	9.46	02g	9	"	. .	3814	6.1	+26 14	9.0	9.12	04	6	16	. .
"	"	" "	"	9.47	07	4	5	. .	*4128*	6.1	+26 0	9.5	10.43	05	4	5	. .
3761	5.0	+33 32	9.4	9.61	02	1	10	. .	4459	6.1	+20 11	9.5	9.17	00	2	25	. .
5658	5.0	−14 37	9.8	11.18	01	6	4	. .	4440	6.1	+ 0 15	8.0	8.62	01	3	1	01
5660	5.0	−14 30	10	11.42	01	6	4	. .	"	"	" "	"	8.62	01g	2	"	01
4034	5.1	+40 17	8.9	9.26	07	4	1	*04*	"	"	" "	"	8.70	02	2	"	*07*
3987	5.1	+35 14	8.3	8.26	09	4	1	*14*	"	"	" "	"	8.30	02g	2	"	33
4119	5.1	+26 1	9.5	10.89	05	4	5	. .	3911	6.1	− 1 7	3.3	3.36	03c	3	13	01
4120	5.1	+25 48	9.4	9.89	05	4	5	. .	"	"	" "	"	3.23	03d	3	"	14
4066	5.2	+15 54	8.5	8.55	02	6	4	06	3071	6.2	+45 13	9.4	9.58	02	6	1	09
4121	5.2	+25 55	9.0	8.98	05	4	5	. .	"	"	" "	"	9.86	02g	6	"	*19*
. .	5.2	−14 37	. .	12.50	01	7	4	. .	"	"	" "	"	9.94	06	4	"	*27*
848	5.3	+74 32	9.5	10.37	05	6	11	. .	4037	6.2	+40 8	8.3	8.69	07	4	1	*07*
3068	5.3	+46 5	8.1	8.32	07	4	5	. .	3998	6.2	+35 12	9.1	8.91	09	4	1	*09*
3991	5.3	+35 32	9.5	9.78	02	12	7	. .	4211	6.2	+14 55	8.0	8.46	07	1	4	. .
5573	5.4	−15 1	9.1	10.27	01r	5	4	. .	. .	6.2	−14 36	. .	12.65	01	2	4	. .

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
3632	20	6.3	+41	12	9.5	10.96	08	8	24	..
..		6.3	−14	35	..	12.26	01r	7	4	..
3999		6.4	+35	59	9.0	8.47	02	6	7	..
721		6.5	+75	13	8.8	8.62	05	2	1	20
“		“	“	“	“	8.84	05b	3	“	*02*
“		“	“	“	“	8.91	06	3	“	*09*
“		“	“	“	“	8.80	06b	3	“	02
4040		6.5	+41	4	9.5	10.38	08	4	25	..
4000		6.5	+35	54	9.0	8.82	02	6	7	..
4001		6.5	+35	53	8.5	8.30	02	6	7	*50*
4134		6.5	+26	0	9.5	10.44	04	6	16	..
4074		6.6	+15	54	7.0	7.46	08	2	19	*20*
“		“	“	“	“	7.18	08b	2	“	08
4075		6.6	+15	50	9.2	9.39	02	6	4	..
“		“	“	“	“	9.39	05	4	5	..
3034		6.7	+47	33	9.5	9.90	06	4	5	..
4003		6.7	+35	34	9.2	9.04	02	6	7	..
4223		6.7	+ 1	20	9.5	10.33	01	2	9	..
“		“	“	“	“	10.31	02	1	“	..
3816		6.8	+27	2	8.2	8.40	04	6	16	..
4177		6.8	+16	33	8.2	7.50	02	8	5	..
4076		6.8	+15	41	9.3	9.67	05	4	5	..
4077		6.8	+15	22	9.4	10.69	02	7	4	..
5667		6.8	−14	26	9.5	10.66	01r	6	4	..
4178		6.9	+16	52	8.4	8.40	02	8	5	..
2149		7.0	+58	2	8.1	8.49	99	3	2	*06*
“		“	“	“	“	8.47	09	6	“	*04*
4043		7.0	+40	11	8.0	8.34	07	4	1	03
3036		7.1	+47	53	9.0	9.30	06	4	5	..
3819		7.1	+26	14	9.4	10.22	04	1	16	..
4138		7.1	+25	51	8.9	8.67	04	6	16	..
..		7.1	+15	43	..	10.28	05	4	5	..
4079		7.1	+15	18	9.4	9.32	02	6	4	09
4080		7.1	+15	45	9.4	9.97	05	4	5	..
..		7.2	+46	10	..	10.13	06	2	24	..
“		“	“	“	“	10.97	08	4	“	..
4006		7.2	+35	39	7.8	8.03	02	6	7	..
4140		7.2	+25	9	8.6	8.58	04	3	1	03
“		“	“	“	“	8.49	04b	3	“	12
“		“	“	“	“	8.32	05	4	“	29
4141		7.2	+26	7	9.0	8.85	05	4	5	..
5308		7.2	−10	0	9.0	9.16	08	3	1	*25*
5670		7.2	−14	5	8.2	8.00	01r	4	4	..
“		“	“	“	“	7.88	01g	2	“	..
3077		7.3	+45	10	7.9	8.04	06	4	1	01
“		“	“	“	“	8.20	07	5	“	*15*
..		7.3	+26	17	..	12.92	04	6	16	..
3823		7.3	+26	15	9.4	10.26	04	6	16	..
“		“	“	“	“	11.24	05	4	5	..
..		7.3	+12	37	..	10.26	06	4	4	..
..	20	7.4	+26	18	..	11.62	04	6	16	..
4083		7.4	+15	9	9.5	10.60	02	12	4	..
4255		7.4	+12	46	9.4	10.05	06	4	4	..
5366		7.4	−22	22	8.5	9.13	01	7	4	..
3824		7.5	+26	17	9.5	9.84	04	12	16	..
“		“	“	“	“	11.06	05	4	5	..
4084		7.5	+16	1	8.5	8.42	02	6	4	..
“		“	“	“	“	8.37	05	4	5	..
4219		7.5	+15	4	7.3	8.04	07	5	1	00
..		7.6	+26	19	..	11.10	04	6	16	..
..		7.7	+26	14	..	11.29	04	6	16	..
4146		7.7	+26	4	9.0	9.10	04	6	16	..
4085		7.7	+16	4	9.3	9.41	05	4	5	..
4221		7.7	+15	5	9.0	9.54	07	5	1	*20*
3080		7.8	+45	18	7.9	8.30	06	4	1	*13*
“		“	“	“	“	8.31	07	5	“	*14*
..		7.8	+26	15	..	12.11	04	6	16	..
4183		7.8	+16	26	8.9	8.94	02	8	5	..
4086		7.8	+15	29	9.5	10.56	02	12	4	..
“		“	“	“	“	10.23	05	4	5	..
..		7.8	+12	41	..	12.28	06	4	4	..
..		7.8	+12	37	..	11.64	06	4	4	..
2869		8.0	+47	7	9.4	10.14	06	4	5	..
..		8.0	+12	37	..	11.06	06	4	4	..
5368		8.0	−22	32	9.5	11.08	01	7	4	..
4223		8.2	+15	3	8.3	8.31	07	5	1	18
..		8.2	+12	35	..	11.62	06	4	4	..
5369		8.2	−22	42	9.4	10.38	01	6	4	..
3041		8.4	+47	10	9.1	9.27	06	4	5	..
3829		8.4	+26	10	9.3	9.40	04	6	16	..
..		8.4	+12	37	..	12.04	06	1	4	..
4385		8.4	+ 5	1	8.0	7.84	01	2	1	*19*
“		“	“	“	“	7.70	01g	2	“	*05*
“		“	“	“	“	8.09	02	1	“	*44*
“		“	“	“	“	7.76	02g	1	“	*11*
3086		8.5	+45	8	8.5	8.37	02	6	1	20
“		“	“	“	“	8.22	02g	7	“	35
“		“	“	“	“	8.46	07	5	“	11
..		8.5	+12	43	..	11.30	06	4	4	..
..		8.5	+12	37	..	10.90	06	4	4	..
5372		8.5	−22	20	7.5	8.12	01	6	4	*22*
..		8.5	−22	26	..	11.30	01	7	4	..
4092		8.6	+15	42	9.5	10.10	05	4	5	..
4257		8.6	+12	55	9.5	9.92	06	4	4	..
..		8.6	−22	26	..	12.65	01	6	4	..
..		8.7	+49	8	..	13.02	07	4	3	..
5654		8.7	−21	52	8.7	9.08	01r	5	4	..
5374		8.7	−22	21	9.4	9.92	01	6	4	..
4259		8.8	+12	51	9.5	9.85	06	4	4	..
5655		8.8	−21	29	8.6	9.32	01	1	25	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
A	20	8.8	−21	29	8.6	9.32	06	4	3	..	3958	20	9.8	+38	11	8.4	8.31	02	6	5	*14*
3831		8.9	+26	59	7.9	7.94	04	6	1	..	3959		9.8	+38	58	9.5	10.20	02	13	5	..
4290		8.9	+ 3	27	9.5	11.17	01g	1	9	..	*3832*		9.8	+38	3	9.5	9.90	02	12	5	..
“		“	“	“	“	11.15	02	2	“	..	..		9.8	− 6	37	..	11.44	06	4	4	..
..		8.9	−22	17	..	11.65	01r	5	4	..	2363		9.9	+53	36	8.0	7.86	08	2	19	..
3803		9.0	+33	23	9.4	9.70	02	1	10	..	“		“	“	“	“	8.07	08b	2	“	..
3946		9.0	+30	11	8.3	8.01	06	3	1	*08*	3960		9.9	+38	25	9.4	9.23	02	6	5	*11*
4154		9.0	+25	13	8.8	8.34	05	4	1	17	4200		9.9	+16	26	9.3	9.07	02	8	5	..
4095		9.0	+15	55	8.5	8.07	05	4	5	..	5420		9.9	− 6	36	9.2	9.80	06	4	4	..
4096		9.0	+15	58	6.8	6.70	08	2	19	31	5421		9.9	− 6	34	8.5	8.30	06	4	4	..
“		“	“	“	“	6.86	08b	2	“	15	3750		10.0	+32	38	9.5	10.84	02	1	10	..
4261		9.0	+12	43	9.0	9.24	06	4	4	..	4452		10.1	+ 0	37	9.5	10.80	01	1	9	..
4387		9.0	+ 4	47	9.5	10.37	01	1	9	..	“		“	“	“	“	10.14	02	2	“	..
“		“	“	“	“	10.30	02	2	“	..	2881		10.2	+46	31	5.0	4.82	05c	3	13	14
..		9.0	−22	20	..	12.60	01	6	4	..	“		“	“	“	“	4.94	05d	3	“	02
3219		9.1	+49	15	9.4	10.56	07	4	3	..	3948		10.2	+29	54	7.0	6.94	06	3	1	00
3950		9.1	+38	17	9.3	9.91	02	6	5	..	5666		10.2	−21	41	10	10.62	06	4	3	..
4191		9.1	+16	26	9.5	10.36	02	17	5	..	723		10.3	+75	22	9.0	9.17	05	3	1	15
4192		9.1	+16	18	8.7	8.54	02	8	5	47	“		“	“	“	“	9.23	05b	3	“	09
3381		9.2	+44	58	8.9	8.92	05	1	25	..	“		“	“	“	“	9.15	06	3	“	17
3994		9.2	+31	21	9.5	10.20	02	1	10	..	“		“	“	“	“	9.34	06b	3	“	*02*
3948		9.2	+30	26	9.3	9.36	02	1	10	..	3228		10.3	+49	10	9.4	10.63	07	4	3	..
4097		9.2	+15	51	7.8	7.55	05	4	5	..	*3642*		10.3	+43	4	6.4	6.01	08b	3	12	24
5618		9.2	−13	29	9.3	9.94	07	4	17	..	“		“	“	“	“	6.18	08c	3	“	07
“		“	“	“	“	10.14	08	3	22	..	3949		10.3	+36	18	7.0	6.24	08b	3	12	17
3221		9.3	+49	8	9.5	10.50	07	4	3	..	“		“	“	“	“	6.35	08c	3	“	06
3935		9.3	+23	56	7.0	6.58	08b	3	12	*10*	3955		10.3	+30	36	8.9	8.76	06	4	4	..
“		“	“	“	“	6.57	08c	3	“	*09*	4203		10.3	+16	28	9.2	8.88	02	9	5	46
4194		9.4	+17	2	9.5	10.20	02	16	5	..	5758		10.3	−19	51	9.1	9.42	01	4	1	06
1417		9.4	+ 2	50	9.5	10.54	01	1	9	..	5870		10.4	−20	20	7.8	8.07	01	4	1	*20*
“		“	“	“	“	10.35	02	3	“	..	2882		10.5	+46	26	4.0	3.97	05c	3	13	*02*
..		9.4	−22	15	..	12.00	01r	6	4	..	“		“	“	“	“	4.09	05d	3	“	*14*
..		9.5	+49	10	..	12.16	07	4	3	..	4239		10.5	+ 1	47	9.3	10.21	01	1	9	..
3921		9.5	+34	20	9.4	10.72	02	1	10	..	“		“	“	“	“	10.00	02	2	“	..
4195		9.5	+16	41	9.4	9.61	02	8	5	..	*3934*		10.6	+35	6	8.6	8.12	09	5	1	30
4196		9.5	+16	33	8.2	8.09	02	9	5	15	*3949*		10.6	+30	8	8.7	8.55	06	3	1	01
5416		9.5	− 6	30	9.5	10.68	06	4	4	..	*4060*		10.6	+25	1	8.8	9.27	05	4	1	*21*
3954		9.6	+38	18	9.0	9.15	02	7	5	..	5873		10.6	−20	3	9.3	9.78	01	1	25	..
3835		9.6	+26	27	8.7	8.70	04	6	16	..	3955		10.8	+36	30	5.4	4.84	04b	3	13	14
..		9.6	− 6	37	..	10.68	06	2	4	..	“		“	“	“	“	4.89	04c	3	“	09
5660		9.6	−21	46	8.4	8.48	06	4	3	..	..		10.8	+34	14	..	10.18	09	6	7	..
3955		9.7	+38	35	9.2	10.01	02	6	5	*33*	*5333*		10.8	− 9	54	8.5	8.21	08	4	1	25
4227		9.7	+14	54	5.0	4.95	04b	1	13	01	..		10.8	−21	41	..	11.18	06	4	3	..
“		“	“	“	“	5.00	04c	3	“	*04*	3668		10.9	+41	48	6.2	6.54	08b	3	12	*12*
“		“	“	“	“	5.07	04d	1	“	*11*	“		“	“	“	“	6.73	08c	3	“	*31*
5417		9.7	− 6	16	9.4	9.93	06	4	4	..	3936		10.9	+34	20	8.5	7.86	09	6	7	..
..		9.7	− 6	26	..	11.16	06	4	4	..	..		10.9	+34	0	..	10.97	09	6	7	..
5597		9.7	−15	5	8.3	8.36	08	3	18	..	3958		10.9	+30	55	8.6	8.52	06	4	4	..
“		“	“	“	“	8.30	08b	3	“	..	5680		10.9	−12	39	6.8	6.58	08b	3	12	*17*
3058		9.8	+49	7	9.5	10.44	07	4	3	..	“		“	“	“	“	6.49	08c	3	“	*08*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
4165	20	11.0	+25	17	5.2	4.96	03b	1	13	*14*
“		“	“	“	“	4.80	03c	1	“	02
“		“	“	“	“	4.98	04b	2	“	*16*
“		“	“	“	“	4.72	04c	2	“	10
4240		11.0	+15	8	8.5	8.74	05	4	1	*20*
“		“	“	“	“	8.73	06	4	“	*19*
“		“	“	“	“	8.69	07	1	“	*15*
“		“	“	“	“	8.77	08	3	18	*23*
“		“	“	“	“	8.60	08b	3	“	*06*
5669		11.0	−21	14	8.3	8.90	06	4	3	. .
2376		11.1	+56	16	4.5	4.26	05c	3	13	06
“		“	“	“	“	4.20	05d	3	“	12
5626		11.1	−13	4	9.8	10.30	07	4	17	. .
“		“	“	“	“	10.47	08	4	22	. .
5670		11.1	−21	42	10	11.23	06	4	3	. .
. .		11.2	+34	8	. .	11.04	09	6	7	. .
3935		11.2	− 1	48	8.2	7.38	06	4	1	16
3844		11.3	+37	50	8.7	8.60	02	6	5	. .
5673		11.3	−21	36	9.2	10.29	06	4	3	. .
3936		11.4	− 1	53	8.5	8.32	06	4	1	00
5674		11.4	−21	31	9.0	9.84	06	4	3	. .
3971		11.5	+38	18	7.9	8.12	02	7	5	. .
. .		11.5	+34	16	. .	10.24	09	6	7	. .
. .		11.5	+34	3	. .	10.56	09	6	7	. .
5880		11.5	−20	16	7.8	7.89	01	4	1	*07*
3963		11.6	+30	51	9.3	9.81	06	4	4	. .
3964		11.6	+30	41	9.1	8.98	06	4	4	. .
3965		11.6	+30	46	9.4	10.08	06	4	4	. .
5427		11.6	− 6	49	9.0	9.17	06	4	4	. .
4103		11.7	+39	23	8.5	8.26	08	2	19	. .
“		“	“	“	“	8.64	08b	2	“	. .
3942		11.7	+34	11	9.5	9.96	09	6	7	. .
3967		11.7	+30	56	7.7	7.93	06	1	4	. .
. .		11.7	+30	45	. .	11.37	06	4	4	. .
3666		11.7	+27	30	4.8	4.60	03b	1	13	13
“		“	“	“	“	4.76	03c	1	“	*03*
“		“	“	“	“	4.47	04b	2	“	26
“		“	“	“	“	4.67	04c	2	“	06
5338		11.7	−10	0	8.1	8.66	08	4	1	*05*
3937		11.8	− 1	45	9.1	9.14	06	4	1	08
5549		11.8	−16	17	9.1	9.46	06	4	3	. .
3066		11.9	+49	6	8.3	8.56	07	4	3	. .
4080		11.9	+40	11	8.4	8.56	07	4	1	11
3944		11.9	+35	4	8.4	7.84	09	5	1	23
. .		11.9	+30	42	. .	10.41	06	4	4	. .
5431		11.9	− 5	52	8.7	9.05	06	4	4	. .
5675		11.9	−21	25	9.6	10.83	06	4	3	. .
3946		12.1	+34	8	9.2	9.33	09	6	7	. .
5683		12.1	−12	49	4.5	4.64	03b	2	13	*09*
“		“	“	“	“	4.59	03c	3	“	*04*
A	20	12.1	−12	40	4.5	4.62	03d	1	13	*07*
3067		12.2	+49	3	9.0	9.59	07	4	3	. .
4468		12.2	+ 1	0	8.5	8.08	07	2	8	26
764		12.3	+77	25	4.8	4.44	05c	5	13	*04*
“		“	“	“	“	4.37	05d	3	“	03
3068		12.3	+49	1	9.4	9.96	07	4	3	. .
3059		12.3	+47	24	5.0	4.14	05c	3	13	02
“		“	“	“	“	4.33	05d	3	“	*17*
. .		12.3	+37	34	. .	10.47	07	4	24	. .
4115		12,3	+15	15	9.0	9.32	05	4	1	*13*
“		“	“	“	“	9.23	06	4	“	*04*
5433		12.3	− 6	43	8.0	8.17	06	4	4	. .
5553		12.3	−16	19	9.5	10.25	06	4	3	. .
3977		12.4	+38	35	6.5	6.13	08b	3	12	01
“		“	“	“	“	6.34	08c	3	“	*20*
5685		12.5	−12	51	3.8	3.69	03b	1	13	08
“		“	“	“	“	3.73	03c	3	“	04
“		“	“	“	“	3.85	03d	2	“	*08*
5556		12.6	−16	12	9.8	10.70	06	4	3	. .
5677		12.7	−21	39	9.1	9.95	06	4	3	. .
3070		12.8	+49	7	8.4	8.46	07	4	3	. .
3978		12.8	+36	45	6.6	6.43	08b	3	12	*11*
“		“	“	“	“	6.28	08c	3	“	04
5886		12.8	−20	0	8.7	8.62	01	4	1	31
“		“	“	“	“	8.73	06	6	“	20
3953		12.9	+34	15	8.7	8.52	09	6	7	. .
3980		13.0	+38	35	8.1	8.46	02	6	5	. .
3864		13.0	+37	14	8.8	8.55	05	4	4	. .
. .		13.0	−16	8	. .	11.03	06	4	3	. .
. .		13.2	+49	38	. .	10.06	07	8	24	. .
4113		13.2	+39	23	7.5	7.74	08	1	1	*09*
“		“	“	“	“	7.83	08b	1	“	*18*
. .		13.3	+36	36	. .	10.28	07	6	24	. .
4355		13.3	+20	7	8.1	8.41	06	3	1	*11*
4411		13.3	+ 4	16	9.5	9.50	02	3	9	. .
“		“	“	“	“	9.37	02g	1	“	. .
5559		13.3	−16	8	9.3	10.17	06	4	3	. .
. .		13.3	−16	12	. .	11.58	06	4	3	. .
. .		13.4	+36	36	. .	10.72	07	1	25	. .
3695		13.4	+28	50	7.0	6.36	08b	3	12	02
“		“	“	“	“	6.44	08c	3	“	*06*
5708		13.4	−14	36	7.6	7.60	01	3	1	*19*
“		“	“	“	“	7.36	01g	1	“	05
“		“	“	“	“	7.71	08	3	“	*30*
“		“	“	“	“	7.44	08b	3	“	*03*
3977		13.5	+30	0	7.8	7.67	06	3	1	34
4357		13.5	+20	0	8.6	8.66	06	3	1	*01*
5887		13.5	−19	53	8.9	9.29	01	4	1	*11*
“		“	“	“	“	9.22	06	5	“	*04*
3122		13.6	+45	10	8.9	9.11	09	4	1	*19*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3957	20 13.6	+34 21	9.2	9.02	07	4	3	..
4510	13.6	+20 16	8.8	8.91	06	3	1	29
4252	13.6	+ 1 30	9.5	10.63	01	1	9	..
“	“	“ “	“	10.27	02	3	“	..
4186	13.7	+25 11	9.0	9.00	05	4	1	*24*
4313	13.7	+ 3 52	9.3	9.91	01	1	9	..
“	“	“ “	“	9.32	02	2	“	..
3868	13.8	+37 19	8.4	8.20	05	4	4	..
3991	13.8	+37 0	9.1	8.74	05	4	4	..
3244	13.9	+50 4	8.2	8.78	07	4	1	*26*
3064	13.9	+47 31	8.5	8.00	02	8	5	27
4477	13.9	+ 0 16	8.9	8.67	01	1	1	36
“	“	“ “	“	8.96	01g	1	“	07
“	“	“ “	“	8.73	02	3	“	30
“	“	“ “	“	8.67	02g	3	“	36
3245	14.0	+49 58	8.0	8.30	07	4	1	*08*
3670	14.0	+42 24	6.5	6.37	08b	3	12	08
“	“	“ “	“	6.44	08c	3	“	01
4097	14.0	+40 13	9.4	9.25	07	4	1	*03*
4055	14.1	+35 15	9.0	8.98	09	2	1	*16*
3127	14.3	+45 19	8.5	8.34	09	1	25	..
3872	14.3	+37 17	9.2	9.09	03	6	4	..
“	“	“ “	“	8.94	05	4	“	..
..	14.3	+37 14	..	10.92	03	6	4	..
3069	14.4	+48 6	9.2	9.64	02	8	5	..
3247	14.5	+50 4	9.0	9.73	07	2	1	*26*
3070	14.5	+47 12	9.4	10.13	02	6	5	..
..	14.5	+37 12	..	12.44	03	6	4	..
4515	14.5	+20 34	8.7	8.52	06	4	4	..
4478	14.5	+ 0 23	9.3	10.04	01	1	9	..
“	“	“ “	“	9.84	02	2	“	..
3071	14.6	+48 1	8.8	8.97	02	6	5	..
..	14.6	+37 8	..	10.93	03	6	4	..
“	“	“ “	“	10.61	05	4	“	..
4517	14.6	+20 9	7.4	7.76	06	3	1	*41*
4129	14.6	+ 2 24	9.5	10.33	01	1	9	..
“	“	“ “	“	10.14	02	2	“	..
3130	14.7	+45 16	9.0	9.44	09	4	1	*22*
3875	14.7	+37 9	9.1	9.12	03	12	4	..
“	“	“ “	“	9.19	05	4	“	..
“	“	“ “	“	9.55	06	3	17	..
“	“	“ “	“	9.78	06b	1	“	..
..	14.7	+34 0	..	11.37	07	4	3	..
..	14.7	+33 58	..	11.68	07	4	3	..
5783	14.7	−19 52	9.1	9.52	01	4	1	*26*
“	“	“ “	“	9.63	06	5	“	*37*
3998	14.8	+36 41	6.1	5.70	06	1	17	*18*
“	“	“ “	“	5.46	06b	1	“	06
3422	14.9	+45 4	7.8	8.13	09	4	1	*01*
4105	14.9	+40 13	8.9	9.10	04	3	1	12
	h. m.	° ′						
A	20 14.9	+40 13	8.9	9.32	04b	3	1	*10*
4520	14.9	+20 31	9.5	9.64	06	4	4	..
4000	15.0	+36 57	9.4	9.26	05	4	4	..
3969	15.0	+34 16	9.0	8.92	07	4	3	..
4260	15.0	+15 2	8.8	9.38	05	4	1	*19*
“	“	“ “	“	9.24	06	4	“	*05*
..	15.1	+33 57	..	10.45	07	4	3	..
3850	15.1	+33 50	8.8	8.84	07	4	3	..
5642	15.1	−13 4	5.5	5.02	03b	3	13	*18*
“	“	“ “	“	4.93	03c	3	“	*09*
5566	15.1	−16 22	9.1	9.28	06	4	3	..
3851	15.2	+34 8	9.5	9.92	07	4	3	..
3984	15.2	+30 18	8.8	8.28	06	2	4	..
..	15.2	+20 53	..	10.64	06	4	4	..
4419	15.2	+ 5 3	8.4	8.50	01	2	1	*04*
“	“	“ “	“	8.63	01g	1	“	*17*
“	“	“ “	“	8.56	02	3	“	*10*
“	“	“ “	“	8.37	02g	3	“	09
5627	15.2	−15 48	8.8	8.95	06	4	3	..
5905	15.2	−19 58	9.0	8.62	01	4	1	06
“	“	“ “	“	8.55	06	5	“	13
4360	15.3	+13 14	6.2	5.93	08b	3	12	03
“	“	“ “	“	6.04	08c	3	“	*08*
5628	15.3	−15 45	8.0	7.49	06	4	3	..
4004	15.4	+37 4	9.3	9.25	03	6	4	..
4522	15.4	+20 56	8.5	8.32	06	4	4	..
5629	15.4	−15 6	3	3.27	03c	3	13	*02*
“	“	“ “	“	3.17	03d	3	“	08
3856	15.5	+34 3	9.5	9.74	07	4	3	..
4524	15.5	+20 47	9.5	11.17	06	4	4	..
..	15.5	+20 46	..	11.96	06	4	4	..
3425	15.6	+45 3	9.3	9.36	02	6	1	21
“	“	“ “	“	9.48	02g	6	“	09
“	“	“ “	“	9.20	09	4	“	37
3884	15.6	+37 10	9.5	10.18	05	4	4	..
3987	15.6	+30 16	8.8	8.89	06	1	1	25
..	15.6	+20 58	..	11.07	06	4	4	..
4525	15.6	+20 32	9.2	9.14	06	4	4	..
5720	15.7	−14 48	8.5	8.50	01r	3	1	11
“	“	“ “	“	8.67	06	4	“	*06*
3048	15.9	+50 35	7.8	8.60	07	4	1	12
..	16.0	+20 52	..	11.14	06	4	4	..
4008	16.1	+36 48	7.0	6.47	08b	3	12	00
“	“	“ “	“	6.51	08c	3	“	*04*
..	16.2	+20 49	..	10.55	06	4	4	..
3049	16.3	+50 34	7.8	8.32	07	4	1	25
4528	16.4	+20 55	9.3	9.36	06	4	4	..
5104	16.4	− 4 50	9.2	9.75	06	4	1	00
3076	16.5	+47 25	9.5	10.05	02	12	5	..
5105	16.5	− 4 44	9.2	9.88	06	4	1	*18*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3078	20 16.6	+47 35	8.3	7.94	02	6	5	*17*	*4157*	20 18.5	+40 8	8.3	8.57	4	3	1	*05*
4021	16.6	+39 5	6.8	6.15	08b	3	12	*08*	“	“	“ “	“	8.50	4b	3	“	02
“	“	“ “	“	6.32	08c	3	“	*25*	4490	18.5	+ 0 18	9.3	10.35	1	1	9	..
..	16.7	+47 35	..	9.98	02	1	5	..	“	“	“ “	“	10.11	2	2	“	..
3079	16.7	+47 17	9.5	10.16	02	12	5	..	4159	18.6	+39 56	2.8	2.60	4c	3	13	*28*
4271	16.7	+ 1 38	9.5	10.43	01	1	9	..	“	“	“ “	“	2.25	04d	3	“	07
“	“	“ “	“	10.12	02	2	“	..	3995	18.6	+34 40	7.2	6.68	05	4	1	*01*
5577	16.7	−16 9	7.9	7.93	06	4	3	..	3086	18.7	+47 55	9.4	10.56	02	7	5	..
4269	16.9	+15 2	8.8	8.58	05	4	1	46	4086	18.7	+35 11	8.4	8.20	03	6	1	*03*
“	“	“ “	“	8.74	06	4	“	30	“	“	“ “	“	8.12	05	4	“	05
4270	17.0	+15 6	8.8	8.74	06	4	1	*02*	“	“	“ “	“	8.17	07	4	“	00
5640	17.0	−14 56	8.9	8.85	01	3	1	01	5734	18.7	−14 26	7.3	7.14	01g	3	1	*14*
“	“	“ “	“	8.93	01g	1	“	*07*	..	18.9	+40 21	..	11.92	04	8	16	..
“	“	“ “	“	8.88	06	4	“	*02*	..	19.1	+40 26	..	11.23	04	8	16	..
3145	17.2	+45 15	8.4	8.15	09	4	1	22	4138	19.2	+40 15	9.3	9.63	04	8	16	..
4140	17.2	+15 14	9.0	9.08	05	4	1	06	4139	19.2	+40 23	8.3	8.33	04	15	16	..
5706	17.3	−12 3	9.3	9.54	07	2	17	..	3721	19.4	+42 40	6.3	6.09	08b	3	12	24
“	“	“ “	“	9.79	08	4	22	..	“	“	“ “	“	6.27	08c	3	“	06
5652	17.3	−13 6	9.5	10.51	07	2	25	..	..	19.4	+40 26	..	10.95	04r	7	16	..
4077	17.4	+35 17	9.5	9.16	07	6	24	..	..	19.4	+40 21	..	12.38	04	7	16	..
4432	17.4	+ 4 43	9.5	11.12	01	1	9	..	*5262*	19.4	− 4 54	8.2	8.11	06	4	1	09
“	“	“ “	“	10.68	02	2	“	..	3722	19.5	+42 53	9.4	9.53	01	8	7	..
5799	17.4	−19 51	9.4	9.76	06	5	1	02	4143	19.5	+40 18	8.7	8.90	01	4	1	*28*
2919	17.5	+47 6	9.4	9.28	01	6	25	05	“	“	“ “	“	8.68	01g	5	“	*06*
“	“	“ “	“	9.38	01g	6	“	*05*	“	“	“ “	“	8.99	04	3	“	*37*
4329	17.5	+ 3 15	9.2	9.84	01	1	9	..	“	“	“ “	“	8.83	04b	3	“	*21*
“	“	“ “	“	9.54	02	2	“	..	4144	19.5	+40 28	7.7	7.23	01	4	1	24
4025	17.6	+36 36	9.5	9.14	05	2	24	..	“	“	“ “	“	7.16	01g	4	“	31
4385	17.6	+20 2	8.8	8.42	06	3	1	23	..	19.5	+40 22	..	12.20	04	7	16	..
5369	17.6	− 9 58	6.3	6.65	08b	3	12	*31*	4439	19.5	+ 4 50	9.0	10.14	01	1	25	..
“	“	“ “	“	6.59	08c	3	“	*25*	..	19.7	+42 56	..	12.38	01	8	7	..
4129	17.7	+40 28	8.0	8.08	04	8	16	..	3107	19.8	+48 12	8.4	8.40	02	6	5	..
4130	17.8	+40 13	9.5	10.10	04	8	16	..	5118	19.8	− 4 49	9.0	9.22	06	4	1	*07*
4028	17.8	+36 36	9.5	9.43	05	8	24	..	3729	19.9	+42 59	9.1	9.20	02	8	7	..
4147	17.8	+ 2 21	9.5	10.31	01	1	9	..	“	“	“ “	“	9.01	02g	9	“	..
“	“	“ “	“	10.14	02	2	“	..	4062	19.9	+31 52	5.0	4.55	04b	1	13	05
5732	17.8	−14 34	7.0	7.00	01	1	25	*30*	“	“	“ “	“	4.64	04c	3	“	*04*
2384	17.9	+53 16	6.5	6.35	08b	3	12	03	“	“	“ “	“	4.77	04d	2	“	*17*
“	“	“ “	“	6.42	08c	3	“	*04*	3108	20.1	+48 30	8.1	7.87	02	6	5	..
4132	17.9	+40 52	8.3	8.63	04	7	16	..	4151	20.1	+40 37	9.1	9.25	04	7	16	..
4387	17.9	+19 47	9.5	10.80	08	8	24	..	..	20.3	+46 38	..	11.64	09	4	7	..
4152	18.0	+40 7	8.8	8.55	04	3	1	27	..	20.3	+43 4	..	9.71	01	7	7	..
“	“	“ “	“	8.54	04b	3	“	28	“	“	“ “	“	9.77	02	10	“	..
3903	18.0	+37 13	9.4	9.50	07	8	24	..	“	“	“ “	“	10.17	02g	10	“	..
3062	18.1	+50 12	8.8	9.25	07	2	1	17	..	20.4	+46 38	..	11.17	09	4	7	..
3990	18.1	+35 7	9.0	8.81	03	6	1	*14*	*4167*	20.4	+40 1	8.6	8.53	04	3	1	04
“	“	“ “	“	9.07	05	4	“	*40*	“	“	“ “	“	8.56	04b	3	“	01
“	“	“ “	“	8.80	07	4	“	*13*	5663	20.5	−15 18	7.4	7.38	01	1	1	09
4134	18.2	+40 13	9.4	9.90	04	8	16	..	“	“	“ “	“	7.30	01g	3	“	17
4135	18.5	+40 24	9.0	8.97	4	8	16	..	..	20.6	+46 41	..	11.42	09	4	7	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	20 20.7	+46 38	..	12.26	09	4	7	..	4277	20 24.6	+16 18	8.9	9.31	07	4	3	..
4155	20.7	+40 42	8.2	8.25	04	8	16	..	4461	24.7	+ 4 41	9.3	9.96	01	3	9	..
4444	20.7	+ 4 54	9.5	10.40	01	3	9	..	*4174*	24.9	+16 1	9.5	10.45	07	4	3	..
4158	20.9	+40 35	9.5	9.92	04r	6	16	..	..	24.9	+15 55	..	12.49	07	4	3	..
4502	21.0	+ 0 45	9.5	10.54	01	3	9	..	..	24.9	+15 53	..	10.33	07	4	3	..
2930	21.1	+46 44	9.5	10.13	09	4	7	..	4205	25.0	+39 17	9.5	9.79	02	12	4	..
5126	21.1	− 4 50	9.0	9.02	06	4	1	18	5451	25.0	−22 42	9.0	8.98	06	4	4	..
4504	21.2	+ 1 3	9.3	9.97	01	1	25	..	4206	25.1	+39 37	8.8	8.79	02	6	4	01
3171	21.3	+45 18	8.8	9.18	02	6	1	*11*	*4055*	25.1	+30 5	8.9	9.03	03	3	1	*02*
"	"	" "	"	9.26	02g	6	"	*19*	"	"	" "	"	8.68	03g	3	"	33
..	21.4	+46 39	..	10.85	09	4	7	..	*4464*	25.1	+ 5 1	9.1	8.97	01	3	1	08
2931	21.6	+46 44	9.3	9.49	09	4	7	..	"	"	" "	"	8.99	01gr	2	"	06
4176	21.6	+39 42	8.0	8.45	02	6	4	..	4303	25.1	+ 1 28	9.5	10.46	01	3	9	..
4290	21.7	+ 1 59	9.5	10.52	01	3	9	..	5453	25.1	−22 23	9.3	9.44	06	4	4	..
2397	21.8	+53 14	6.2	6.39	08b	3	12	06	*4207*	25.2	+40 1	9.4	9.95	02	5	4	..
"	"	" "	"	6.28	08c	3	"	17	4176	25.2	+15 59	9.3	9.55	07	4	3	..
2933	21.9	+46 45	9.0	9.35	09	3	7	..	4518	25.2	+ 0 16	8.9	9.12	01	4	1	*14*
4259	21.9	+17 1	6.5	6.36	08b	3	12	*19*	"	"	" "	"	8.90	01g	3	"	08
"	"	" "	"	6.46	08c	3	"	*29*	*4057*	25.3	+30 2	4.2	4.01	04b	3	13	08
4342	22.1	+ 3 53	9.4	10.09	01	3	9	..	"	"	" "	"	4.05	04c	3	"	04
4169	22.1	+ 2 59	9.5	10.41	01	3	9	..	4209	25.4	+39 46	8.9	9.11	02	6	4	..
4113	22.2	+35 30	7.8	7.36	05	4	1	26	..	25.4	+16 1	..	11.73	07	4	3	..
4165	22.2	+15 44	8.2	8.48	07	4	3	..	*4044*	25.5	+35 5	8.9	8.87	03	6	1	15
4163	22.3	+40 17	8.7	8.55	01	4	1	02	"	"	" "	"	8.69	07	4	"	33
"	"	" "	"	8.54	01g	4	"	03	4521	25.5	+ 0 40	9.5	10.35	01	3	9	..
4167	22.3	+15 36	8.8	8.88	07	4	3	..	4194	25.6	+40 28	8.4	9.01	08	2	19	..
4189	22.7	+39 20	9.3	9.18	02	6	4	..	"	"	" "	"	9.24	08b	2	"	..
4262	22.7	+16 23	8.0	7.75	07	4	3	..	4179	25.6	+15 48	9.3	9.94	07	4	3	..
5689	23.2	−18 9	5.1	4.75	03b	3	13	21	*5415*	25.6	− 9 59	9.1	8.90	07	4	1	56
"	"	" "	"	4.95	03c	3	"	01	4210	25.7	+39 46	8.0	8.10	02	6	4	*03*
3910	23.3	+34 0	6.7	6.27	08b	3	12	14	5455	25.8	−22 50	8.7	8.34	06	4	4	..
"	"	" "	"	6.28	08c	3	"	13	4185	25.9	+ 2 43	9.5	10.17	01	3	9	..
4175	23.3	+ 2 36	6.8	6.40	08b	3	12	*05*	4211	26.0	+39 24	9.5	9.42	02	12	4	..
"	"	" "	"	6.38	08c	3	"	*03*	4353	26.0	+ 3 31	9.5	10.70	01	1	25	..
4195	23.5	+39 44	8.5	8.48	02	6	4	..	5456	26.0	−22 22	9.2	9.57	06	4	4	..
4028	23.5	+35 1	9.0	9.12	03	6	1	15	4354	26.1	+ 3 32	9.5	10.41	01	4	9	..
"	"	" "	"	9.12	05	4	"	15	"	"	" "	"	10.27	01g	1	"	..
"	"	" "	"	9.32	07	4	"	*05*	*4325*	26.2	+15 7	8.8	9.11	07	4	1	*12*
5442	23.6	−22 43	6.2	6.56	08b	4	12	*34*	5755	26.2	−12 13	9.2	10.25	07	8	24	..
"	"	" "	"	6.72	08c	4	"	*50*	5744	26.2	−21 22	9.4	9.50	06	4	4	..
2398	23.7	+55 42	8.5	8.75	07	8	24	..	*4213*	26.3	+40 2	8.4	8.68	02	6	4	*21*
5401	23.7	− 9 52	9.3	9.74	07	4	1	*23*	5842	26.6	−19 41	9.6	10.47	99	1	25	..
..	23.9	+15 48	..	10.74	07	4	3	..	5769	26.7	−14 48	9.0	9.58	06	4	1	*12*
..	24.2	+15 57	..	9.78	07	4	3	..	4205	26.8	+40 20	7.7	7.86	01	4	1	*04*
859	24.3	+75 7	8.8	8.78	08	3	18	09	"	"	" "	"	7.63	01g	4	"	19
"	"	" "	"	9.14	08b	3	"	*27*	*4056*	26.8	+35 1	8.6	8.46	03	6	1	*12*
4183	24.5	+40 17	8.2	7.96	01	4	1	*14*	"	"	" "	"	8.48	07	4	"	*14*
"	"	" "	"	7.79	01g	4	"	03	5745	26.8	−21 48	9.8	10.90	06	4	4	..
4171	24.5	+15 55	7.5	7.75	07	4	3	*48*	..	26.8	−21 57	..	10.97	06	4	4	..
..	24.5	+15 52	..	12.41	07	4	3	..	*4527*	26.9	+ 1 2	9.0	9.68	07	1	8	*17*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3142	20 27.0	+48 37	4.9	4.99	05c	3	13	*10*
"	"	" "	"	4.99	05d	3	"	*10*
5749	27.1	−21 50	9.9	10.64	06	4	4	..
4208	27.2	+40 24	9.5	10.24	08	2	25	..
4105	27.2	+36 36	6.5	6.24	08b	3	12	06
"	"	" "	"	6.26	08c	3	"	04
5750	27.2	−21 37	10	10.58	06	4	4	..
..	27.2	−22 0	..	11.22	06	4	4	..
4210	27.4	+40 11	9.4	10.65	07	4	24	..
"	"	" "	"	10.82	08	4	"	..
3299	27.5	+49 54	9.5	10.00	00	2	25	..
2362	27.6	+54 20	7.3	7.40	05	4	4	*02*
2956	27.6	+46 27	8.6	8.85	05	4	5	..
2958	27.8	+46 26	8.1	8.00	05	4	5	..
"	"	" "	"	8.25	06	4	"	..
3202	27.8	+45 16	8.7	8.74	06	3	1	03
5753	27.8	−21 36	9.0	9.36	06	4	4	..
1821	27.9	+62 39	4.0	4.09	05c	3	13	19
"	"	" "	"	4.32	05d	3	"	*04*
2364	27.9	+54 15	8.6	8.89	05	4	4	..
2960	28.0	+46 23	8.9	9.27	05	4	5	..
"	"	" "	"	9.26	06	4	"	..
4190	28.1	+15 11	8.8	8.70	07	4	1	*01*
..	28.2	+17 8	..	11.40	05	4	4	..
..	28.2	+17 2	..	11.68	05	5	4	..
2368	28.4	+54 15	8.1	7.73	05	4	4	..
3205	28.4	+45 46	9.0	9.16	06	4	5	..
4293	28.4	+16 54	9.0	9.09	05	4	4	..
4294	28.4	+17 0	9.5	10.30	05	4	4	..
4321	28.4	+10 58	3.8	3.95	04c	3	13	03
"	"	" "	"	4.04	04d	3	"	*06*
5431	28.5	−10 28	8.5	8.40	05	3	22	..
"	"	" "	"	8.43	05b	3	"	..
4295	28.6	+17 6	9.1	9.08	05	1	4	..
4296	28.6	+17 1	8.5	8.81	05	4	4	..
4078	28.7	+30 1	9.0	9.44	03	3	1	*03*
"	"	" "	"	9.32	03g	3	"	09
4297	28.7	+17 7	9.4	10.05	05	1	4	..
4340	28.7	+15 4	9.0	9.26	07	4	1	*02*
5714	28.7	−14 57	9.0	9.20	06	4	1	20
3209	28.9	+45 56	9.4	9.70	06	4	5	..
4299	28.9	+16 56	9.4	9.84	05	4	4	..
5433	28.9	−10 15	9.2	9.07	05	3	22	..
"	"	" "	"	9.19	05b	3	"	..
..	29.0	+54 29	..	9.63	05	4	4	..
4300	29.0	+17 5	9.1	9.99	05	4	4	..
4539	29.1	+ 0 57	9.3	9.53	01	3	9	..
3784	29.2	+28 3	9.5	10.17	03	6	16	..
5786	29.2	−14 47	8.9	9.27	06	4	1	*01*
2965	29.4	+46 14	9.1	9.50	05	4	5	..
	h. m.	° ′						
A	20 29.4	+46 14	9.1	9.63	06	10	R	..
3778	29.4	+42 51	6.5	6.42	08b	3	12	*01*
"	"	" "	"	6.61	08c	3	"	*20*
4345	29.4	+15 1	8.5	8.66	05	3	1	08
"	"	" "	"	8.74	07	4	"	00
4320	29.4	+ 1 50	9.5	9.97	01	3	9	..
4201	29.5	+15 29	7.5	7.70	05	3	1	*01*
3213	29.6	+45 16	8.6	8.81	06	3	1	*19*
3787	29.6	+27 47	8.3	8.43	03	6	16	..
3788	29.6	+27 32	7.8	7.92	03	6	16	..
..	29.7	+46 20	..	11.44	05	4	5	..
3789	29.7	+28 8	9.5	10.09	03	6	16	..
2254	29.8	+59 44	7.5	7.64	08	2	19	*08*
"	"	" "	"	7.74	08b	2	"	*18*
4489	29.8	+ 4 45	9.4	10.08	01	2	9	..
4373	29.8	+ 3 54	9.5	10.89	01r	2	9	..
4542	29.8	+ 0 19	8.5	8.52	01	5	1	01
"	"	" "	"	8.62	01g	4	"	*09*
..	29.9	+54 33	..	11.16	05r	4	4	..
2967	29.9	+46 31	9.3	9.82	05	4	5	..
..	29.9	+27 51	..	11.54	03	6	16	..
..	29.9	+27 43	..	11.17	03	6	16	..
4079	30.0	+34 54	5.4	4.76	04b	3	13	09
"	"	" "	"	5.02	04c	3	"	*17*
3792	30.0	+27 49	9.1	9.02	03	12	16	..
..	30.0	+27 47	..	11.27	03	6	16	..
4348	30.0	+15 4	9.2	9.27	05	3	1	17
"	"	" "	"	9.29	07	4	"	15
"	"	" "	"	9.44	09	4	"	00
2970	30.1	+46 13	9.5	9.54	05	4	5	..
"	"	" "	"	9.77	06	4	"	..
..	30.1	+27 46	..	12.10	03	6	16	..
..	30.2	+27 49	..	12.47	03	8	16	..
3793	30.2	+27 41	9.4	9.35	03	1	16	..
2971	30.3	+46 23	9.4	9.69	05	4	5	..
2972	30.3	+46 42	8.7	8.91	05	2	25	..
3805	30.3	+41 25	6.2	6.61	08b	3	12	*18*
"	"	" "	"	6.71	08c	3	"	*28*
3795	30.3	+27 56	9.4	9.56	03	6	16	..
3796	30.4	+27 45	8.5	8.71	03	6	16	..
4289	30.4	+26 8	8.9	9.08	05	4	5	..
4352	30.4	+15 4	8.5	8.81	05	3	1	*22*
"	"	" "	"	8.81	09	4	"	*22*
4200	30.4	+ 2 57	9.5	9.60	01	3	9	..
2975	30.5	+46 39	8.7	8.46	05	2	5	..
3216	30.5	+45 19	8.7	8.99	06	3	1	08
4290	30.5	+25 51	9.4	9.58	05	4	5	..
4353	30.6	+14 20	4.5	4.75	04b	1	13	*06*
"	"	" "	"	4.68	04c	3	"	01
"	"	" "	"	4.78	04d	2	"	*09*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2374	20 30.7	+54 27	7.0	6.98	05	4	4	04	A	20 32.8	+ 4 58	8.3	8.70	01g	1	25	R
3507	30.8	+44 47	7.8	7.76	06	3	1	26	*4555*	32.8	+ 1 2	9.3	10.25	07	2	8	..
3797	30.9	+28 4	9.3	9.92	03	6	16	..	..	32.8	+ 1 1	..	12.09	07	2	8	..
..	30.9	+26 12	..	10.92	05	3	5	..	3939	32.9	+26 23	9.5	9.74	05	4	5	..
3934	30.9	+26 11	9.5	10.38	05	4	5	..	4369	32.9	+14 15	3.5	3.73	04c	3	13	*01*
2375	31.0	+54 12	9.0	8.83	05	4	4	..	“	“	“ “	“	3.59	04d	3	“	13
4087	31.0	+30 9	9.0	9.08	03	3	1	*22*	*4304*	33.0	+26 2	8.9	9.41	05	4	5	..
“	“	“ “	“	9.00	03g	3	“	*14*	*4465*	33.0	+20 0	8.9	9.10	07	4	1	*25*
3799	31.0	+28 4	8.2	8.55	03	6	16	..	4552	33.0	+18 13	9.3	9.05	07	4	3	..
4094	31.1	+30 2	9.0	9.15	03	3	1	11	*4505*	33.0	+ 5 2	8.8	8.71	01	3	1	19
“	“	“ “	“	9.13	03g	3	“	13	“	“	“ “	“	8.53	01g	1	“	37
4355	31.1	+15 2	8.0	8.11	01	3	1	*02*	4368	33.2	+17 44	9.1	9.22	01	6	25	09
“	“	“ “	“	8.11	05	3	“	*02*	“	“	“ “	“	9.48	01g	7	“	*17*
“	“	“ “	“	8.00	09	4	“	09	“	“	“ “	“	9.74	07	4	3	*43*
2376	31.2	+54 45	9.5	9.87	05	4	4	..	..	33.2	+ 1 5	..	11.42	07	2	8	..
870	31.3	+74 40	8.6	8.94	08	2	19	..	4016	33.2	− 1 27	4.7	4.52	03c	3	13	*01*
“	“	“ “	“	9.39	08b	1	“	..	“	“	“ “	“	4.69	03d	3	“	*18*
3220	31.5	+46 3	9.5	9.94	05	4	5	..	*5736*	33.2	−14 55	9.0	9.44	01	3	1	07
2983	31.6	+46 30	8.0	7.81	05	4	5	..	..	33.3	+17 51	..	11.31	07	4	3	..
3936	31.6	+26 23	9.1	9.30	05	4	5	..	4506	33.3	+ 4 37	9.3	9.46	01	3	9	..
5785	31.6	−12 15	8.9	9.08	05	3	22	..	4389	33.3	+ 3 47	9.5	10.09	01	1	9	..
“	“	“ “	“	8.95	05b	3	“	..	“	“	“ “	“	10.46	01g	1	“	..
2378	31.7	+54 14	9.4	9.22	05	4	4	..	..	33.4	+17 57	..	11.26	07	4	3	..
..	31.7	+26 22	..	10.86	05	2	5	..	4370	33.4	+17 55	7.0	5.75	08b	3	12	52
4097	31.8	+30 5	8.6	8.91	03	3	1	*30*	“	“	“ “	“	6.11	08c	3	“	16
“	“	“ “	“	8.59	03g	3	“	02	*4559*	33.4	+ 1 3	9.5	10.45	07	2	8	..
2895	31.9	+51 31	6.3	6.17	08b	3	12	09	*5460*	33.4	− 9 57	9.0	8.88	07	4	1	*09*
“	“	“ “	“	6.04	08c	3	“	22	4371	33.5	+17 55	9.3	9.30	07	4	3	..
2379	32.0	+54 55	9.2	9.20	05	4	4	..	4340	33.5	+10 23	8.7	8.56	06	4	1	13
4458	32.0	+20 1	9.2	9.10	07	4	1	*05*	4096	33.6	+34 32	9.4	9.57	02	1	10	..
4459	32.0	+20 5	9.1	9.54	07	4	1	*14*	4559	33.6	+18 28	9.0	8.59	07	4	3	..
4360	32.0	+15 2	8.7	8.75	01	3	1	09	..	33.6	+17 51	..	10.19	07	4	3	..
“	“	“ “	“	8.68	09	4	“	16	*4560*	33.6	+ 1 0	9.4	10.13	07	2	8	..
..	32.0	+ 1 5	..	11.02	07	2	8	..	5358	33.7	− 7 36	9.1	9.60	05	3	22	..
2028	32.1	+61 25	7.3	7.04	08	2	19	*14*	“	“	“ “	“	9.66	05b	3	“	..
“	“	“ “	“	6.99	08b	2	“	*09*	*3520*	33.8	+45 1	9.2	9.56	05	4	1	06
4364	32.1	+18 6	9.3	9.30	07	4	3	..	“	“	“ “	“	9.79	06	3	“	*17*
4301	32.2	+26 3	8.8	8.82	05	4	5	..	3941	33.8	+26 43	8.0	7.82	05	4	5	..
“	“	“ “	“	8.75	08	4	17	..	4334	33.8	+ 1 41	9.5	10.05	01	3	9	..
4365	32.2	+17 55	8.8	8.78	07	4	3	..	4308	34.0	+25 14	8.7	8.46	05	5	1	15
4552	32.2	+ 1 0	9.3	10.31	07	2	8	..	5362	34.0	− 7 45	8.5	8.65	05	3	22	..
3807	32.3	+27 50	9.0	9.27	03	6	16	..	“	“	“ “	“	8.83	05b	3	“	..
..	32.3	+26 13	..	10.68	05	2	5	..	4658	34.1	+20 51	4.7	5.04	04b	3	13	*26*
5790	32.4	−12 39	9.0	9.37	05	3	22	..	“	“	“ “	“	4.83	04c	3	“	*05*
“	“	“ “	“	9.35	05b	3	“	..	4213	34.1	+ 2 39	9.5	10.08	01	4	9	..
4462	32.5	+19 55	9.3	9.43	00	1	25	..	..	34.1	+ 1 7	..	11.28	07	2	8	..
5991	32.5	−19 55	9.0	9.09	06	4	1	04	*4473*	34.2	+20 3	8.8	8.78	07	4	1	22
4464	32.6	+19 59	9.2	9.00	07	4	1	25	..	34.3	+ 1 2	..	11.37	07	2	8	..
3938	32.7	+26 43	8.4	8.55	05	4	5	..	16193	34.3	−24 9	6.5	6.81	08b	4	12	*48*
4504	32.8	+ 4 58	8.3	9.06	01	1	25	R	“	“	“ “	“	6.74	08c	4	“	*41*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
3974	20 34.4	+33 29	9.3	9.34	02	1	10	..
..	34.4	+ 1 0	..	12.04	07	2	8	..
4562	34.4	+ 0 50	9.4	10.18	01	2	9	..
4475	34.5	+19 53	9.3	10.56	00	1	25	..
4510	34.5	+ 4 37	8.4	7.76	07	3	19	..
"	"	" "	"	7.96	07b	3	"	..
4374	34.6	+17 30	8.5	8.44	07	4	3	..
4377	34.6	+15 7	8.8	9.01	01	3	1	*02*
"	"	" "	"	9.03	09	4	"	*04*
4222	35.0	+15 34	3.5	3.83	04c	3	13	03
"	"	" "	"	3.66	04d	3	"	20
2440	35.1	+55 13	9.0	9.30	05	4	1	*14*
4479	35.1	+19 57	8.5	9.47	00	1	25	..
4354	35.4	+10 14	7.9	8.12	06	4	1	*25*
5755	35.4	−14 52	7.9	7.56	01	3	1	10
4128	35.8	+30 15	9.0	9.23	02	1	10	*07*
"	"	" "	"	9.14	02g	1	"	02
4482	35.8	+19 55	9.5	11.31	00	1	25	..
1140	36.0	+68 13	8.8	8.24	08	8	24	..
1259	36.1	+67 58	9.5	10.74	08	4	25	..
2462	36.2	+56 14	8.0	8.49	08	2	19	..
"	"	" "	"	8.58	08b	2	"	..
3158	36.2	+47 51	8.5	8.40	01	6	25	18
"	"	" "	"	8.30	01g	7	"	28
4357	36.2	+10 13	8.7	8.86	06	4	1	06
4350	36.3	+11 27	9.0	8.88	06	4	4	..
4399	36.3	+ 3 44	9.5	9.60	01	3	9	..
4346	36.3	+ 1 57	9.5	9.67	01	3	9	..
2444	36.4	+55 39	6.5	6.20	05	4	1	30
4351	36.4	+11 30	9.4	9.87	06	4	4	..
4135	36.5	+30 36	9.3	10.17	02	1	10	..
4392	36.5	+15 4	8.5	8.61	01	6	1	*12*
4520	36.5	+ 4 42	9.3	9.92	01	3	9	..
4226	36.6	+ 2 33	9.5	10.12	01	3	9	..
2391	36.7	+55 2	8.4	8.49	05	4	1	*18*
4342	36.7	+16 38	8.9	8.93	01r	5	4	..
4353	36.7	+11 36	9.4	9.94	06	4	4	..
5397	36.7	−11 36	9.5	9.90	07	4	17	..
"	"	" "	"	10.21	08	4	22	..
..	36.8	+11 28	..	12.39	06	4	4	..
3237	36.9	+45 12	8.1	8.20	05	4	1	*18*
3238	36.9	+45 15	8.7	8.77	05	4	1	15
3898	36.9	+32 27	9.4	9.11	02	1	10	..
4395	36.9	+15 1	8.3	7.90	01	6	1	09
4356	36.9	+11 34	9.4	10.26	06	4	4	..
..	37.0	+11 28	..	11.15	06	4	4	..
4573	37.0	+ 0 44	9.5	10.34	01	2	9	..
4358	37.1	+11 29	9.5	9.86	06	4	4	..
4679	37.2	+20 13	9.4	11.38	00	1	25	..
..	37.2	+11 33	..	11.32	06	4	4	..
6011	20 37.2	−19 51	8.7	8.27	06	4	1	21
4187	37.3	+38 43	6.5	6.42	08b	3	12	02
"	"	" "	"	6.42	08c	3	"	02
4072	37.3	+ 0 5	8.6	9.04	08	3	18	*01*
"	"	" "	"	9.20	08b	3	"	*17*
4382	37.4	+17 11	6.5	6.12	08b	3	12	15
"	"	" "	"	6.25	08c	3	"	02
..	37.4	+11 28	..	11.65	06	4	4	..
..	37.6	+16 46	..	12.22	01r	3	4	..
..	37.6	+16 38	..	10.95	01r	6	4	..
..	37.6	+11 28	..	10.91	06	4	4	..
5901	37.7	−19 51	9.1	8.80	06	4	1	*02*
2396	37.8	+54 45	7.5	7.32	05	4	1	*01*
2448	37.9	+55 16	8.7	8.74	05	4	1	17
5352	37.9	− 5 6	10	11.58	07	4	4	..
3541	38.0	+44 55	1.7	1.60	05c	2	13	*27*
"	"	" "	"	1.24	05d	3	"	09
..	38.0	+16 41	..	12.33	01	3	4	..
4185	38.1	+31 20	9.4	9.91	02	1	10	..
4497	38.1	+14 1	9.5	10.56	09	2	7	..
4498	38.1	+14 1	9.5	10.18	09	4	7	..
4499	38.1	+13 58	9.2	10.85	09	4	7	..
2272	38.2	+60 9	6.2	5.84	08b	4	19	11
4386	38.2	+17 10	9.2	9.01	01	6	4	..
4348	38.2	+16 47	9.4	10.00	01	6	4	*19*
4349	38.2	+16 53	9.5	9.68	01	6	4	..
4220	38.3	+25 8	8.9	9.15	05	5	1	*04*
..	38.3	+13 33	..	12.05	09	4	7	..
4527	38.3	+ 5 9	9.0	9.16	07	3	19	*20*
"	"	" "	"	9.11	07b	3	"	*15*
5236	38.3	− 4 48	8.7	8.93	07	5	1	02
4126	38.4	+34 30	9.4	9.02	02	1	10	..
3995	38.4	+33 17	9.5	10.28	02	1	10	..
..	38.4	+16 52	..	11.49	01	6	4	..
3545	38.5	+45 0	9.1	8.96	05	4	1	11
4350	38.5	+16 44	8.3	8.69	01	6	4	28
5355	38.5	− 5 6	8.8	9.28	07	4	4	..
..	38.6	+13 34	..	12.30	09	4	7	..
4354	38.7	+16 51	9.5	9.85	01	6	4	..
..	38.7	+16 42	..	10.72	01	6	4	..
..	38.7	− 5 12	..	11.94	07	4	4	..
5356	38.7	− 5 49	9.5	10.61	07	4	4	..
..	38.8	+16 47	..	12.04	01	6	4	..
4403	38.8	+14 43	4.2	4.49	04c	3	13	04
"	"	" "	"	4.57	04d	3	"	*04*
..	38.8	+13 45	..	11.06	09	4	7	..
..	38.8	+13 38	..	11.17	09	4	7	..
4355	38.9	+16 36	8.7	8.53	01	6	4	03
4235	38.9	+15 59	9.1	9.50	01	6	4	*13*
..	39.0	+16 38	..	11.84	01	6	4	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
5357	20 39.0	− 4 58	9.7	10.61	07	4	4	. .	*4302*	20 41.3	+40 3	8.8	8.53	09	3	1	29
5358	39.0	− 5 9	8.9	9.00	07	4	4	. .	4586	41.3	+ 0 53	9.4	10.47	01	3	9	. .
5839	39.0	−14 32	7.1	6.95	01	3	1	06	5254	41.3	− 4 35	9.1	10.16	06	4	3	. .
. .	39.3	+16 56	. .	12.29	01r	2	4	. .	. .	41.3	− 4 37	. .	12.22	06	4	3	. .
5242	39.3	− 4 44	9.0	9.51	07	5	1	*06*	*4303*	41.4	+40 4	9.0	9.42	09	3	1	*50*
4389	39.4	+17 13	8.4	8.36	01	6	4	. .	*4402*	41.4	+18 0	9.5	10.74	02	12	5	. .
“	“	“ “	“	8.16	02	6	5	. .	. .	41.4	+16 9	. .	10.52	01	6	4	. .
5361	39.4	− 5 33	9.7	10.62	07	4	4	. .	4543	41.4	+ 4 55	9.5	10.44	01	3	9	. .
5362	39.6	− 5 24	9.4	10.19	07	4	4	. .	5256	41.4	− 4 37	8.5	8.59	06	3	3	. .
5780	39.8	−15 23	7.5	7.57	01	1	25	*02*	5579	41.4	− 6 20	8.8	8.71	99	6	23	*06*
4136	39.9	+35 3	8.3	8.41	02	1	10	*14*	“	“	“ “	“	8.69	01	6	“	*04*
“	“	“ “	“	8.14	02g	1	“	13	“	“	“ “	“	8.53	01g	6	“	12
4505	39.9	+13 59	9.5	11.15	09	4	7	. .	*5398*	41.4	− 6 50	9.0	8.98	05	3	22	. .
4293	40.0	+40 2	8.0	8.34	09	3	1	*17*	“	“	“ “	“	8.99	05b	3	“	. .
4357	40.0	+17 6	9.3	9.96	01	6	4	. .	4404	41.5	+17 46	9.5	11.20	02	12	5	. .
4240	40.0	+15 19	9.1	9.35	01	6	1	*06*	*4249*	41.5	+16 5	9.5	10.08	01	6	4	. .
4507	40.1	+13 46	9.5	10.92	09	4	7	. .	5257	41.5	− 4 26	8.3	8.59	06	5	3	. .
4296	40.2	+40 7	8.3	8.53	09	3	1	19	*5790*	41.5	−14 56	8.8	9.05	01	6	4	00
. .	40.2	+16 5	. .	11.59	01	6	4	. .	4167	41.6	+30 21	4.3	4.01	02	1	10	33
4239	40.2	+ 2 55	8.5	7.79	01	3	9	. .	“	“	“ “	“	4.34	04b	2	13	00
“	“	“ “	“	7.50	01g	1	“	. .	“	“	“ “	“	4.30	04c	3	“	04
4396	40.3	+17 24	9.4	10.30	02	6	5	. .	“	“	“ “	“	4.35	04d	1	“	*01*
4242	40.3	+16 3	9.1	9.73	01	6	4	*09*	5258	41.6	− 4 26	9.3	10.18	06	4	3	. .
4357	40.3	+ 2 9	9.3	10.06	02	6	4	. .	*4414*	41.7	+15 2	9.0	9.18	01	6	1	*09*
5248	40.3	− 4 48	8.8	9.12	06	4	3	*07*	4358	41.7	+ 1 37	9.5	10.13	01	3	9	. .
“	“	“ “	“	9.16	07	4	1	*11*	“	“	“ “	“	9.89	02	12	4	. .
5364	40.4	− 5 0	8.7	8.78	06	5	3	22	4363	41.8	+16 34	8.0	7.16	01	6	4	01
“	“	“ “	“	8.79	07	4	4	21	*4254*	41.8	+16 8	9.5	9.64	01	6	4	. .
3561	40.5	+44 51	8.3	8.55	02	6	7	. .	*4360*	41.8	+ 2 5	9.5	9.94	02	12	4	. .
4368	40.5	+10 14	8.9	9.23	06	4	1	*01*	5792	41.8	−15 18	9.5	10.88	01	6	4	. .
4397	40.6	+17 56	8.3	8.47	02	6	5	. .	1318	41.9	+66 18	5.5	5.47	99i	2	2	10
4398	40.6	+17 43	9.4	9.95	02	6	5	. .	*4308*	41.9	+40 3	8.9	8.95	09	3	1	*08*
. .	40.6	+16 7	. .	12.09	01	8	4	. .	*5018*	41.9	− 2 52	6.8	6.34	08b	3	12	*01*
2477	40.7	+56 46	6.7	6.03	08b	3	12	33	“	“	“ “	“	6.64	08c	3	“	*31*
“	“	“ “	“	6.16	08c	3	“	20	3568	42.0	+44 25	9.5	11.33	02	12	7	. .
3920	40.7	+32 22	9.5	9.75	02	1	10	. .	4145	42.0	+34 26	9.5	10.22	02	1	10	. .
4361	40.7	+25 17	8.8	8.68	05	5	1	*07*	R	42.0	+15 46	R	5.48	04br	4	13	*01*
4399	40.7	+17 40	8.8	9.03	02	6	5	. .	R	42.0	+15 46	R	4.24	04b	3	13	25
5578	40.7	− 6 39	8.6	8.67	05	3	22	. .	“	“	“ “	“	4.46	04c	3	“	03
“	“	“ “	“	8.45	05b	3	“	. .	5372	42.0	− 5 27	8.4	8.31	07	4	4	*30*
4400	40.8	+17 48	9.2	9.09	02	6	5	. .	4017	42.1	+33 21	9.3	9.42	02	1	25	. .
5250	40.8	− 4 27	9.8	11.32	06	4	3	. .	5793	42.1	−15 2	9.2	9.54	01	6	4	. .
4208	40.9	+31 45	9.5	10.24	02	1	10	. .	4018	42.2	+33 36	2.6	2.38	02	1	10	26
. .	40.9	+16 10	. .	12.46	01	3	4	. .	“	“	“ “	“	2.67	04c	3	13	*03*
. .	40.9	+16 5	. .	12.17	01	8	4	. .	“	“	“ “	“	2.54	04d	3	“	10
. .	40.9	+16 2	. .	10.74	01	6	4	. .	4361	42.2	+ 1 45	9.2	9.13	02	6	4	. .
4242	41.0	+ 2 22	8.5	8.53	02	6	4	. .	*4614*	42.3	+19 5	9.1	10.13	06	4	3	. .
. .	41.0	− 4 36	. .	12.66	06	1	3	. .	*5506*	42.3	− 9 52	4.2	3.76	03c	3	13	07
5252	41.1	− 4 38	9.1	9.89	06	4	3	. .	“	“	“ “	“	3.83	03d	3	“	00
4362	41.2	+16 15	8.8	9.10	01	6	4	. .	*4362*	42.4	+ 2 8	9.0	9.00	02	7	4	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3571	20 42.5	+44 57	9.3	10.40	02	6	7	..	4370	20 43.5	+ 1 40	8.3	8.05	02	6	4	..
4617	42.5	+18 49	9.2	9.80	06	4	3	..	*5800*	43.5	−14 51	9.0	9.20	01	6	4	*09*
4618	42.5	+18 53	9.0	9.80	06	4	3	..	*4423*	43.6	+15 6	8.1	7.91	01	6	1	18
4427	42.5	+ 3 29	9.3	9.58	01	3	9	..	*4589*	43.6	+ 1 10	8.0	8.15	07	2	8	04
4363	42.5	+ 1 29	7.8	7.24	02	6	4	09	*5802*	43.6	−14 54	9.1	9.98	01	7	4	*22*
5378	42.5	− 5 24	4.2	4.52	03b	3	13	08	5783	43.6	−18 25	6.7	6.48	08b	3	12	*11*
"	"	" "	"	4.77	03c	3	"	*17*	"	"	" "	"	6.80	08c	3	"	*43*
4619	42.6	+18 55	8.9	9.25	06	4	3	..	4590	43.7	+ 0 20	8.8	9.52	01	4	1	03
3572	42.7	+44 54	9.0	9.51	02	6	7	..	"	"	" "	"	9.60	01g	4	"	*05*
4171	42.7	+30 30	9.5	10.15	02	1	10	..	4154	43.8	+34 32	9.5	9.96	02	1	25	..
4241	42.7	+25 3	8.4	8.37	05	5	1	*21*	1127	43.9	+69 23	6.7	5.93	99	1	25	59
4256	42.7	+16 8	8.8	8.55	01	6	4	..	"	"	" "	"	6.11	99i	1	"	41
4513	42.8	+19 12	9.4	10.46	06r	4	3	..	*5385*	44.0	− 4 58	9.0	9.64	06	5	1	*09*
..	42.8	+18 58	..	11.86	06	4	3	..	"	"	" "	"	9.58	07	4	"	*03*
4250	42.8	+ 2 57	6.5	6.44	08b	3	12	*09*	4421	44.1	+17 29	8.0	8.35	02	6	5	..
"	"	" "	"	6.29	08c	3	"	06	..	44.2	+18 48	..	10.68	06	4	3	..
4365	42.8	+ 1 42	9.3	9.58	02	6	4	..	4422	44.2	+17 29	8.2	8.42	02	6	5	..
5587	42.8	− 6 34	8.7	8.64	05	2	22	..	5768	44.2	−13 30	9.1	9.46	05	3	22	..
"	"	" "	"	8.69	05b	2	"	..	"	"	" "	"	9.30	05b	3	"	..
..	42.8	−15 2	..	12.72	01	7	4	..	3581	44.3	+44 30	8.7	9.07	02	7	7	..
2240	42.9	+57 13	4.5	4.57	05c	3	13	06	4322	44.3	+39 58	9.0	8.89	07	8	24	..
"	"	" "	"	4.61	05d	3	"	02	4373	44.3	+ 1 34	9.5	10.14	01	3	9	..
..	42.9	+18 59	..	12.15	06	4	3	..	4522	44.4	+19 53	9.5	9.19	00	1	25	..
5588	42.9	− 6 23	8.3	8.43	99	6	23	00	4622	44.4	+18 55	9.5	9.86	06	4	3	..
"	"	" "	"	8.62	01	6	"	*19*	4433	44.5	+14 15	6.8	7.13	01	5	1	*04*
"	"	" "	"	8.37	01g	6	"	06	"	"	" "	"	7.20	01g	1	"	*11*
5796	42.9	−15 16	8.5	8.81	01	6	4	*03*	*4434*	44.6	+15 5	9.0	9.43	01	6	1	01
3573	43.0	+44 28	9.1	9.18	02	6	7	..	*4525*	44.7	+20 4	8.3	8.86	06	4	1	14
..	43.0	+19 0	..	11.68	06	4	3	..	*4555*	44.8	+ 5 5	9.0	9.17	01	3	1	*26*
6037	43.0	−19 51	8.8	9.07	06	4	1	*09*	"	"	" "	"	8.89	01g	3	"	02
3574	43.1	+45 10	8.6	8.89	02	6	7	*12*	*4374*	44.9	+ 2 3	7.7	7.18	02	7	4	..
"	"	" "	"	8.90	05	4	1	*13*	*3590*	45.1	+45 5	7.6	8.05	02	6	7	*58*
4027	43.1	+33 40	8.5	7.86	06	2	17	..	3954	45.2	+32 51	9.4	9.33	07	8	24	..
"	"	" "	"	7.78	06b	2	"	..	*6048*	45.4	−19 58	9.0	8.92	06	4	1	*14*
"	"	" "	"	7.84	08	2	"	..	3290	45.5	+45 16	8.5	8.53	08	3	1	*01*
..	43.1	+18 54	..	11.61	06	4	3	..	"	"	" "	"	8.46	08b	3	"	06
4381	43.1	+10 10	8.6	8.80	06	3	1	*08*	3291	45.5	+45 45	5.6	4.90	04b	2	13	*01*
..	43.2	−15 9	..	12.20	01	11	4	..	"	"	" "	"	5.02	04c	2	"	*13*
5797	43.2	−15 10	9.6	10.86	01	6	4	..	"	"	" "	"	4.69	05c	1	"	20
..	43.2	−15 15	..	11.39	01	8	4	..	"	"	" "	"	4.87	05d	1	"	02
2050	43.3	+61 27	3.7	3.54	05c	3	13	05	4040	45.5	+33 16	9.5	10.91	02	1	10	..
"	"	" "	"	3.46	05d	3	"	13	4256	45.7	+ 2 42	9.0	8.79	01	3	9	..
3575	43.4	+44 38	9.5	10.42	02	12	7	..	3955	45.8	+32 25	9.5	9.71	02	1	10	..
3576	43.4	+44 56	9.4	9.91	02	6	7	..	4593	45.8	+ 0 45	9.5	10.54	01	3	9	..
2799	43.5	+52 38	6.2	6.16	08b	3	12	27	4195	46.0	+30 17	9.5	9.51	02	1	10	..
"	"	" "	"	6.34	08c	3	"	09	4431	46.0	+17 40	6.5	6.51	08b	3	12	*02*
4267	43.5	+36 7	4.7	4.56	04b	1	13	*09*	"	"	" "	"	6.43	08c	3	"	06
"	"	" "	"	4.46	04c	3	"	01	5775	46.1	−13 19	9.1	9.90	05	3	22	..
"	"	" "	"	4.53	04d	2	"	*06*	"	"	" "	"	9.83	05b	3	"	..
..	43.5	+18 57	..	11.78	06	4	3	..	4175	46.2	+34 25	9.4	10.72	02	6	5	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
4176	20 46.4	+34 18	9.4	9.97	02	6	5	..	*4461*	20 48.5	+15 3	8.5	8.81	01	6	1	03
4237	46.4	+31 35	9.5	10.56	02	1	10	..	3204	48.6	+47 13	9.0	9.10	05	4	4	..
4563	46.4	+ 4 36	9.5	9.98	01	3	9	..	..	48.6	+38 35	..	10.24	09r	4	7	..
3067	46.5	+46 17	6.6	6.42	08b	3	12	06	*5409*	48.6	− 4 58	9.0	9.12	06	5	1	*07*
"	"	" "	"	6.21	08c	3	"	27	4190	48.7	+34 24	9.2	9.11	02	7	5	..
4598	46.5	+ 1 9	9.4	10.14	07	1	8	*55*	"	"	" "	"	9.08	06	6	17	..
3068	46.6	+46 40	9.2	9.17	05	4	4	..	"	"	" "	"	9.39	06b	2	"	..
3596	46.6	+44 59	8.7	8.64	08	3	18	..	..	48.8	+46 55	..	10.46	05	4	4	..
"	"	" "	"	8.69	08b	3	"	..	4191	48.8	+34 33	9.2	9.90	02	1	10	..
4440	46.7	+ 3 50	9.5	9.51	01	3	9	..	4193	48.8	+34 32	8.6	8.51	02	6	5	..
2169	46.8	+60 46	8.0	7.86	08	2	19	..	4570	48.8	+ 4 52	9.5	10.29	01	1	25	..
"	"	" "	"	8.00	08b	2	"	..	*4390*	48.8	+ 2 3	9.5	9.99	01	1	25	..
4205	47.1	+30 18	9.1	9.04	02	1	25	..	..	48.9	+47 0	..	10.70	05	4	4	..
16328	47.2	−24 9	6.6	7.19	07b	1	12	*98*	4260	48.9	+38 26	8.0	7.73	09r	4	7	..
"	"	" "	"	7.18	07c	1	"	*97*	4069	48.9	+33 10	9.5	10.76	02	1	10	..
"	"	" "	"	6.78	08b	2	"	*57*	4752	48.9	+20 33	7.7	7.70	06	4.	1	20
"	"	" "	"	6.92	08c	2	"	*71*	4261	49.0	+38 32	9.4	10.38	09r	4	7	..
5608	47.3	− 6 18	8.5	8.52	99	6	23	05	..	49.0	+38 28	..	11.12	09r	4	7	..
"	"	" "	"	8.64	01	6	"	*07*	..	49.1	+46 53	..	10.64	05	4	4	..
"	"	" "	"	8.50	01g	6	"	07	3086	49.1	+46 48	9.2	9.44	06r	3	4	..
5598	47.3	− 9 22	5.1	4.87	03b	3	13	*07*	..	49.1	+38 30	..	11.30	09r	4	7	..
"	"	" "	"	4.85	03c	3	"	*05*	4196	49.1	+34 22	7.8	8.16	02	6	5	*29*
4743	47.4	+20 14	9.0	9.93	06	4	1	*28*	..	49.2	+38 28	..	11.96	09r	4	7	..
4182	47.6	+34 50	9.5	10.01	02	12	5	..	*4553*	49.3	+20 3	8.5	8.93	06	4	1	*03*
3073	47.7	+47 7	9.0	8.92	05	4	4	..	..	49.4	+38 31	..	11.58	09r	4	7	..
3074	47.7	+46 48	9.4	9.73	05	4	4	..	..	49.4	+ 3 51	..	10.52	01	1	25	..
5854	47.7	−11 57	6.5	6.63	07b	1	12	*23*	4198	49.5	+34 22	8.7	8.56	02	7	5	..
"	"	" "	"	6.79	07c	1	"	*39*	3905	49.5	+27 21	8.8	8.74	09	4	7	..
"	"	" "	"	6.72	08b	2	"	*32*	*4554*	49.5	+20 3	8.7	9.16	06	4	1	*01*
"	"	" "	"	6.67	08c	2	"	*27*	4446	49.5	+17 39	7.8	8.35	06	4	4	..
4017	47.8	+26 43	5.0	4.56	04b	2	13	20	4392	49.5	+ 1 58	9.5	9.63	01	3	9	..
"	"	" "	"	4.80	04c	3	"	*04*	4199	49.6	+34 51	7.8	8.42	02	6	5	*55*
"	"	" "	"	4.75	04d	1	"	01	4447	49.6	+17 43	8.9	10.02	06	4	4	..
626	47.9	+82 43	9.5	9.69	05	4	4	..	*3755*	49.7	+44 0	5.4	4.78	04b	2	13	*10*
3974	47.9	+32 28	6.7	6.32	07b	2	12	03	"	"	" "	"	4.61	04c	2	"	07
"	"	" "	"	6.27	07c	2	"	08	"	"	" "	"	4.76	05c	1	"	*08*
"	"	" "	"	6.27	08b	1	"	08	"	"	" "	"	4.68	05d	1	"	00
"	"	" "	"	6.36	08c	1	"	*01*	*3922*	49.8	+42 2	6.8	6.40	07b	2	12	07
4183	48.0	+34 56	9.0	9.72	02	6	5	..	"	"	" "	"	6.56	07c	2	"	*09*
5875	48.0	−14 48	7.8	7.95	01	3	1	16	"	"	" "	"	6.52	08b	1	"	*05*
4062	48.1	+34 2	9.0	8.94	01	6	25	21	"	"	" "	"	6.54	08c	1	"	*07*
"	"	" "	"	9.05	01g	6	"	10	4200	49.8	+34 32	9.5	9.71	02	1	10	..
4210	48.1	+30 15	9.0	9.03	02g	1	10	28	4572	49.8	+ 4 57	9.5	10.06	01	3	9	..
3202	48.2	+47 20	7.5	7.24	05	4	4	28	4258	49.9	+31 28	9.5	10.94	02	1	10	..
4185	48.2	+34 24	9.5	9.64	02	12	5	..	*5835*	49.9	−14 59	8.5	8.75	01	3	1	*05*
..	48.3	+47 2	..	12.00	05	4	4	..	"	"	" "	"	8.84	05	10	"	*14*
..	48.3	+46 59	..	12.75	05	4	4	..	2183	50.0	+58 16	7.0	7.32	08	2	19	24
..	48.3	+46 55	..	11.18	05	4	4	..	"	"	" "	"	7.40	08b	2	"	16
3078	48.4	+46 58	9.5	10.01	05	8	4	..	4455	50.0	+ 3 56	9.3	9.50	01	3	9	..
4257	48.4	+38 32	8.6	9.19	09r	4	7	..	4270	50.0	+ 2 37	9.3	9.36	01	3	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
5626	20 50.0	− 6 8	9.2	9.59	99	6	23	*08*
“	“	“ “	“	9.63	01	6	“	*12*
“	“	“ “	“	9.48	01g	6	“	03
3909	50.1	+28 8	7.0	6.48	07b	2	12	*04*
“	“	“ “	“	6.38	07c	2	“	06
“	“	“ “	“	6.62	08b	1	“	*18*
“	“	“ “	“	6.27	08c	1	“	17
3910	50.1	+27 41	9.0	9.54	09	4	7	. .
4449	50.1	+17 13	9.2	9.82	06	4	4	. .
4410	50.2	+25 16	8.6	8.72	05r	4	1	24
4450	50.2	+17 28	8.3	9.13	06	4	4	. .
4231	50.3	+30 23	9.4	9.55	02	1	25	. .
4451	50.3	+17 19	8.5	8.95	06	4	4	. .
3912	50.4	+27 50	9.3	9.57	07	2	25	. .
3913	50.4	+27 41	9.3	9.81	09	4	7	. .
. .	50.4	+17 20	. .	11.28	06r	4	4	. .
. .	50.4	+17 20	. .	11.26	06	4	4	. .
. .	50.4	+17 13	. .	12.42	06	4	4	. .
. .	50.6	+27 34	. .	10.58	07	1	25	. .
4454	50.6	+17 23	8.3	8.65	06	4	4	. .
3985	50.7	+32 23	9.3	9.24	02	1	10	. .
. .	50.7	+30 4	. .	11.34	06	4	4	. .
3917	50.9	+27 49	9.4	9.68	09	4	7	. .
4233	51.0	+29 57	9.5	10.28	99	1	25	. .
“	“	“ “	“	9.97	06	4	4	. .
4456	51.0	+17 42	9.5	10.51	06	4	4	. .
3102	51.3	+46 53	8.4	8.32	05	4	4	. .
4235	51.3	+30 10	9.5	10.48	06	4	4	. .
4475	51.3	+15 1	7.8	8.30	01	3	1	*01*
“	“	“ “	“	8.35	06	3	“	*06*
. .	51.4	+30 5	. .	11.04	06	4	4	. .
4617	51.4	+ 0 48	9.5	9.46	01	3	9	. .
4237	51.5	+29 55	9.3	9.98	06	4	4	. .
4369	51.7	+39 26	9.4	9.77	05	4	5	. .
4370	51.8	+39 44	9.0	9.50	05	4	5	. .
4372	51.8	+39 58	9.4	10.05	05	4	5	. .
630	52.1	+82 32	9.2	9.20	05	4	4	. .
. .	52.1	+30 0	. .	12.60	09	4	7	. .
4240	52.2	+29 55	8.3	8.74	06	4	4	. .
889	52.3	+74 22	7.8	7.86	07	3	19	. .
“	“	“ “	“	7.94	07b	3	“	. .
. .	52.3	+30 2	. .	10.93	06	4	4	. .
4241	52.3	+29 50	9.3	9.82	06	4	4	. .
4621	52.4	+ 0 13	8.7	8.93	01	5	1	*15*
“	“	“ “	“	8.81	01g	5	“	*03*
890	52.5	+74 16	7.3	7.52	07	3	1	*13*
“	“	“ “	“	7.41	07b	3	“	*02*
. .	52.5	+30 4	. .	12.33	09	4	7	. .
4210	52.6	+34 35	9.5	10.00	02	1	10	. .
4244	52.6	+30 18	9.0	9.31	02	1	10	00
A	20 52.6	+30 18	9.0	9.30	02g	1	10	01
“	“	“ “	“	9.38	06	4	4	*07*
“	“	“ “	“	9.40	09	3	1	*09*
. .	52.6	+30 5	. .	11.52	09	4	7	. .
4244	52.6	+30 4	9.5	11.04	06	4	4	. .
“	“	“ “	“	11.17	09	4	7	. .
4096	52.7	+33 20	9.5	10.63	02	1	10	. .
4465	52.7	+ 3 54	9.5	9.74	01	3	9	. .
3336	52.8	+45 15	9.0	8.81	05	4	1	61
4374	52.8	+39 56	9.5	10.69	05	4	5	. .
4247	52.8	+30 9	9.5	10.53	09	4	7	. .
4248	52.8	+30 3	9.2	9.54	06	4	4	. .
“	“	“ “	“	9.58	09	4	7	. .
4375	52.9	+39 50	9.5	10.52	05	4	5	. .
4278	52.9	+ 2 56	9.5	9.85	01	3	9	. .
3249	53.3	+48 48	6.2	5.63	07b	1	12	35
“	“	“ “	“	5.70	07c	1	“	28
“	“	“ “	“	6.09	08b	2	“	*11*
“	“	“ “	“	6.00	08c	2	“	*02*
4215	53.3	+35 3	9.0	9.23	02	1	10	*21*
“	“	“ “	“	9.03	02g	1	“	*01*
4364	53.4	+40 47	4.0	4.18	04b	1	13	*14*
“	“	“ “	“	3.80	04c	2	“	24
“	“	“ “	“	3.89	04d	1	“	15
“	“	“ “	“	3.93	05c	1	“	11
“	“	“ “	“	3.74	05d	1	“	30
4251	53.4	+30 8	9.0	9.29	06	4	1	02
“	“	“ “	“	9.35	09	7	“	*04*
4401	53.5	+ 1 31	9.5	9.83	01	3	9	. .
4380	53.6	+40 3	9.1	9.75	05	4	5	. .
4381	53.7	+39 39	8.8	9.37	05	4	5	. .
. .	53.8	+39 49	. .	11.34	05	4	5	. .
4470	53.8	+ 4 3	9.5	10.98	01	1	25	. .
4002	53.9	+32 34	9.5	10.62	02	1	10	. .
4287	53.9	+31 18	9.4	9.65	02	1	25	. .
5852	53.9	−15 12	8.8	9.74	09	4	7	. .
4385	54.0	+39 43	8.5	8.14	05	4	5	. .
. .	54.0	+ 1 30	. .	11.19	01r	1	9	. .
5323	54.0	− 4 34	8.3	8.55	05	2	22	. .
“	“	“ “	“	8.40	05b	2	“	. .
“	“	“ “	“	8.33	08	2	“	. .
4386	54.1	+39 53	7.7	7.90	05	4	5	*28*
3646	54.2	+45 5	8.8	8.90	05	4	1	02
4258	54.3	+30 15	9.1	9.65	02	1	25	. .
4259	54.3	+30 14	8.3	8.90	06	4	1	*19*
“	“	“ “	“	8.92	09	7	“	*21*
4256	54.3	+30 0	8.5	8.85	06	4	1	11
“	“	“ “	“	8.95	09	7	“	01
4631	54.3	+ 0 51	9.5	10.90	01	3	9	. .
6093	54.3	−20 0	8.8	8.86	00	3	1	07

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	20 54.3	−20 0	8.8	8.75	01	3	1	18	A	20 56.6	+15 7	8.4	8.12	05b	3	1	12
3649	54.4	+44 24	7.9	7.96	06	2	24	..	"	"	" "	"	8.26	06	6	"	*02*
"	"	" "	"	8.47	06b	2	"	..	"	"	" "	"	8.16	06b	3	"	08
"	"	" "	"	7.68	07	4	"	..	3963	56.8	+41 48	8.7	9.09	05	4	5	..
5324	54.4	− 4 47	8.5	8.87	06	5	1	*02*	4410	56.8	+ 1 30	9.5	9.86	01	3	9	..
5854	54.5	−14 51	9.4	8.75	06	1	25	..	5867	56.8	−15 49	9.0	10.28	07	8	17	..
"	"	" "	"	8.81	06b	1	"	..	4382	56.9	+40 17	8.4	8.74	05	3	1	*12*
2179	54.7	+61 10	7.9	8.20	08	2	19	..	4643	56.9	+ 0 55	9.5	9.43	01	3	9	..
"	"	" "	"	8.22	08b	2	"	..	*3964*	57.0	+42 9	9.4	10.20	05	4	5	..
5859	54.7	−14 52	8.8	8.56	01	3	1	25	*4405*	57.0	+40 4	9.0	9.49	05	3	1	38
"	"	" "	"	8.89	05	10	"	*08*	"	"	" "	"	9.66	08	4	"	21
"	"	" "	"	8.90	07	2	17	*09*	*5769*	57.0	−15 52	7.2	8.03	07	1	17	*27*
"	"	" "	"	8.93	09	4	1	*12*	5998	57.1	−19 39	7.0	6.88	01	3	1	26
3949	54.8	+41 33	6.9	6.18	07b	1	12	*15*	*3670*	57.3	+45 6	8.8	8.66	05	4	1	11
"	"	" "	"	6.08	07c	1	"	*05*	3937	57.3	+42 23	9.2	9.55	05	4	5	..
"	"	" "	"	6.20	08b	2	"	*17*	3938	57.4	+42 18	9.4	11.08	05	4	5	..
"	"	" "	"	6.00	08c	2	"	03	*4516*	57.4	+15 5	9.0	9.21	05	3	1	08
3950	54.8	+42 4	9.1	9.36	05	4	5	..	"	"	" "	"	9.14	05b	3	"	15
4373	54.8	+40 58	7.7	7.47	07	4	3	..	"	"	" "	"	9.18	06	6	"	11
4430	54.8	+25 13	8.9	9.19	00	3	1	*03*	"	"	" "	"	9.29	06b	3	"	00
"	"	" "	"	9.15	02	1	"	01	*4596*	57.4	+ 5 10	8.6	8.68	01	5	1	33
"	"	" "	"	9.29	04	2	"	*13*	"	"	" "	"	8.60	01g	3	"	41
5860	54.9	−14 52	9.8	10.93	09	4	7	..	5917	57.4	−14 47	9.0	9.18	01	3	1	03
3926	55.0	+42 19	9.4	9.95	05	4	5	..	"	"	" "	"	9.36	05	4	"	*15*
4389	55.0	+40 7	8.2	8.43	05	4	5	09	"	"	" "	"	9.49	05b	4	"	*28*
3954	55.2	+41 59	9.2	8.98	05	4	5	..	"	"	" "	"	9.34	06	3	"	*13*
4590	55.2	+ 4 59	9.3	9.30	01	3	9	..	"	"	" "	"	9.55	06b	3	"	*34*
631	55.3	+82 49	9.5	10.00	05	4	4	..	"	"	" "	"	9.55	09	4	"	*34*
4504	55.4	+15 4	9.0	9.47	06	3	1	02	5999	57.5	−19 43	8.5	8.44	00	3	1	*11*
3930	55.5	+42 33	9.5	11.03	05	4	5	..	"	"	" "	"	8.33	01	3	"	00
5862	55.6	−15 44	9.4	10.75	09	4	7	..	*4283*	57.6	+30 9	8.5	9.02	06	4	1	14
4378	55.7	+40 34	7.3	7.42	07	4	3	*40*	"	"	" "	"	9.08	09	7	"	08
3932	55.9	+42 40	8.1	8.29	05	4	5	..	3941	57.7	+42 21	9.5	11.06	05	4	5	..
4303	55.9	+31 15	9.4	9.69	02	1	10	..	4389	57.7	+40 13	7.0	7.60	07	4	3	*48*
4591	56.0	+ 4 25	9.5	10.47	01	3	9	..	4095	57.8	− 1 19	6.8	6.58	07b	2	12	*27*
"	"	" "	"	10.69	01g	1	"	..	"	"	" "	"	6.47	07c	2	"	*16*
5863	56.0	−15 45	9.1	10.25	09	4	7	..	"	"	" "	"	6.50	08b	1	"	*19*
4592	56.1	+ 4 17	9.5	9.91	01	1	25	..	"	"	" "	"	6.54	08c	1	"	*23*
5865	56.2	−15 18	9.2	10.38	09	4	7	..	4412	58.0	+39 58	9.3	9.92	05	6	5	..
3133	56.4	+47 8	5.3	4.90	04b	2	13	*04*	4413	58.0	+ 1 18	8.3	7.25	07	3	1	22
"	"	" "	"	4.94	04c	2	"	*08*	"	"	" "	"	7.33	07b	3	"	14
"	"	" "	"	5.02	05c	2	"	*16*	5874	58.0	−15 34	8.6	9.17	05	8	11	..
"	"	" "	"	4.92	05d	2	"	*06*	4413	58.1	+39 55	7.7	8.14	05	2	5	*37*
4486	56.4	+ 3 54	9.5	9.77	01	3	9	..	*4605*	58.1	+20 1	9.0	9.03	00	3	1	02
4286	56.4	+ 2 59	9.5	9.65	01	3	9	..	"	"	" "	"	8.80	02	1	"	25
5866	56.5	−15 44	10	11.37	09	4	7	..	"	"	" "	"	9.14	04	2	"	*09*
4803	56.6	+20 12	8.7	9.08	00	3	1	*08*	5921	58.1	−14 7	9.0	9.60	05	2	22	..
"	"	" "	"	9.15	02	1	"	*15*	"	"	" "	"	9.64	05b	2	"	..
"	"	" "	"	9.18	04	2	"	*18*	"	"	" "	"	9.78	08	2	"	..
4512	56.6	+15 7	8.4	8.25	05	3	1	*01*	4320	58.3	+15 23	7.8	7.77	05	4	1	*08*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	20 58.3	+15 23	7.8	7.75	05b	3	1	*06*	A	20 59.5	−13 34	8.8	9.57	05b	2	22	..
"	"	" "	"	7.78	06	3	"	*09*	"	"	" "	"	9.18	06	1	"	..
"	"	" "	"	7.77	06b	3	"	*08*	"	"	" "	"	9.52	06b	1	,,	..
4518	58.3	+14 20	7.3	6.46	07b	2	12	*08*	"	"	" "	"	9.24	08	2	"	..
"	"	" "	"	6.48	07c	2	"	*10*	4395	59.6	+40 53	9.5	10.38	07	4	3	..
"	"	" "	"	6.17	08b	1	"	21	..	59.6	+40 48	..	11.96	07	4	3	..
"	"	" "	"	6.57	08c	1	"	*19*	..	59.6	+23 30	..	10.83	00	7	25	..
4293	58.4	+30 18	8.0	8.42	09	4	1	19	..	59.6	+23 23	..	12.76	02	3	5	..
..	58.5	+40 57	..	12.02	07	4	3	..	"	"	" "	"	12.63	04	4	"	..
4414	58.6	+39 44	9.1	9.72	05	8	5	..	*4526*	59.6	+15 8	9.5	11.59	05	12	11	..
5877	58.6	−15 15	10	11.17	05	8	11	..	5925	59.6	−14 33	8.9	9.15	05	8	11	..
4520	58.7	+14 57	9.0	9.25	05	7	11	..	..	59.6	−15 6	..	12.58	05	8	11	..
6115	58.7	−20 15	5.0	4.73	03b	3	13	20	..	59.7	+23 20	..	10.72	00	6	5	..
"	"	" "	"	5.05	03c	3	"	*12*	..	59.7	+15 8	..	12.68	05	6	11	..
4391	58.8	+41 1	8.9	9.38	07	4	3	..	4297	59.7	+ 2 33	7.5	6.30	07b	2	12	25
1174	58.9	+68 58	8.5	8.64	99	1	25	..	"	"	" "	"	6.47	07c	2	"	08
4307	58.9	+25 9	8.6	8.89	00	3	1	02	"	"	" "	"	6.61	08	2	"	*06*
"	"	" "	"	8.82	02	1	"	09	"	"	" "	"	6.52	08b	3	R	03
"	"	" "	"	8.76	04	2	"	15	"	"	" "	"	6.40	08c	1	"	15
4736	58.9	+ 6 35	8.2	8.72	08	2	19	..	..	59.7	−15 2	..	12.84	05	8	11	..
"	"	" "	"	8.93	08b	2	"	..	..	59.8	−15 9	..	11.31	05	8	11	..
4522	59.0	+15 7	9.1	8.72	05	5	1	32	16462	59.8	−24 19	9.6	11.27	01	7	4	..
"	"	" "	"	8.86	05b	2	"	18	4397	59.9	+40 17	9.0	9.34	05	5	1	03
"	"	" "	"	8.77	06	6	"	27	"	"	" "	"	9.56	08	4	"	*19*
"	"	" "	"	8.92	06b	3	"	12	4229	59.9	+23 15	9.3	9.95	01	7	25	*17*
4523	59.0	+15 9	9.5	10.53	05	7	11	..	"	"	" "	"	9.97	01g	6	"	*19*
16454	59.1	−24 1	8.5	8.91	01	6	4	..	..	59.9	−15 7	..	12.50	05	8	11	..
4295	59.2	+ 2 36	8.2	7.41	07	4	19	..	4398	21 0.0	+40 51	9.5	11.26	07	4	3	..
"	"	" "	"	7.40	07b	4	"	..	..	0.0	+39 34	..	11.55	05	9	25	..
..	59.3	+40 47	..	12.73	07	4	3	..	..	0.0	+39 29	..	11.02	05	6	25	..
4418	59.3	+39 36	8.3	8.80	05	8	5	..	..	0.0	+23 23	..	12.14	02	4	5	..
4419	59.3	+39 40	9.5	10.38	05	2	5	..	"	"	" "	"	11.79	04	4	"	..
4420	59.3	+40 0	8.6	9.05	05	6	5	..	..	0.0	+15 10	..	12.48	05	6	11	..
4292	59.3	+30 6	8.7	8.98	08	4	18	*07*	5883	0.0	−15 7	9.2	10.01	05	16	11	..
"	"	" "	"	8.74	08b	3	"	17	3987	0.1	+41 14	7.0	6.45	07b	3	12	*12*
3973	59.4	+41 12	9.2	9.83	07	4	3	..	"	"	" "	"	6.42	07c	3	"	*09*
..	59.4	+40 18	..	11.18	08	1	20	..	..	0.1	+23 32	..	12.44	02	4	5	..
..	59.4	+15 10	..	12.39	05	6	11	..	"	"	" "	"	12.48	04	4	"	..
..	59.4	+15 6	..	11.61	05	4	11	..	4822	0.1	+20 30	7.8	8.30	00	3	1	00
5880	59.4	−15 13	9.8	11.12	05	8	11	..	"	"	" "	"	8.40	02	1	"	*10*
5881	59.4	−14 56	8.2	8.07	05	14	1	23	"	"	" "	"	8.26	04	2	"	04
"	"	" "	"	8.13	05b	4	"	17	..	0.1	+15 6	..	13.00	05	6	11	..
"	"	" "	"	8.11	06	10	"	19	5884	0.1	−15 18	7.4	7.99	05	4	1	*07*
"	"	" "	"	8.18	06b	4	"	12	"	"	" "	"	7.98	05b	4	"	*06*
"	"	" "	"	8.08	07	2	17	22	"	"	" "	"	7.94	06	11	"	*02*
"	"	" "	"	8.10	09	4	1	20	"	"	" "	"	7.94	06b	3	"	*02*
3976	59.5	+41 17	8.6	9.04	07	4	3	..	3256	0.2	+50 25	7.7	8.04	07	3	18	*02*
4394	59.5	+40 41	9.5	10.88	07	4	3	..	"	"	" "	"	8.05	07b	3	"	*03*
4421	59.5	+39 51	8.0	8.28	05	8	5	..	6173	0.2	−17 7	9.4	9.69	05	4	3	..
5841	59.5	−13 34	8.8	9.35	05	2	22	..	16466	0.2	−24 36	9.0	9.59	01	6	4	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
3159	21	0.3	+46	29	6.5	6.19	07b	3	12	11	4427	21	1.2	+39	57	8.6	9.16	05	8	5	..
“		“	“	“	“	6.14	07c	3	“	16	4337		1.2	+38	44	9.0	9.42	08	4	20	..
..		0.3	+23	26	..	12.53	02	3	5	..	*3983*		1.2	+29	8	9.5	10.34	06	4	4	..
“		“	“	“	“	12.15	04	4	“	..	4325		1.2	+15	25	8.7	9.16	05	6	11	..
6174		0.3	−17	38	4.0	4.44	03b	1	13	*25*	3259		1.3	+50	24	8.1	7.85	07	1	18	..
“		“	“	“	“	4.09	03c	3	“	10	“		“	“	“	“	7.38	07b	1	“	..
“		“	“	“	“	3.95	03d	2	“	24	3800		1.3	+43	32	4.0	3.90	04b	1	13	02
“		“	“	“	“	4.74	07b	1	“	*55*	“		“	“	“	“	4.00	04c	2	13	*08*
“		“	“	“	“	4.14	07c	1	“	05	“		“	“	“	“	4.07	04d	1	“	*15*
1283		0.4	+67	47	6.8	7.34	08	6	2	*14*	“		“	“	“	“	3.99	05c	1	“	*07*
“		“	“	“	“	7.37	09	1	“	*17*	“		“	“	“	“	4.25	05d	1	“	*33*
“		“	“	“	“	7.32	09	6	“	*12*	*4428*		1.3	+40	2	8.6	9.26	05	2	1	*24*
4422		0.4	+40	2	9.4	10.17	05	8	5	..	“		“	“	“	“	9.14	08	4	“	*12*
..		0.4	+23	22	..	12.05	02	3	5	..	4304		1.4	+29	18	8.8	9.21	06	4	4	..
“		“	“	“	“	11.61	04	4	“	..	..		1.4	+28	54	..	11.99	06	4	4	..
4741		0.4	+ 6	42	8.8	8.16	06	2	19	..	5925		1.4	−21	18	8.7	8.85	01	6	4	..
“		“	“	“	“	8.44	06b	2	“	..	*4618*		1.5	+20	1	8.5	8.93	00	3	1	*08*
“		“	“	“	“	8.35	07	3	“	..	“		“	“	“	“	8.67	02	1	“	18
“		“	“	“	“	8.55	07b	3	“	..	“		“	“	“	“	8.92	04	2	“	*07*
5885		0.4	−15	23	9.4	10.62	05	8	11	..	..		1.5	−16	56	..	11.86	05	4	3	..
..		0.5	+39	38	..	11.83	05	1	5	..	*3986*		1.6	+29	8	9.4	9.96	06	4	4	..
..		0.5	+23	32	..	10.39	00	6	5	..	..		1.6	+28	55	..	11.28	06	4	4	..
4528		0.5	+14	37	9.2	9.58	05	6	11	..	5936		1.6	−14	19	7.2	7.12	09	4	1	12
4293		0.6	+23	6	8.5	8.93	00	12	5	*07*	*6131*		1.6	−19	53	9.1	8.88	00	3	1	*05*
“		“	“	“	“	9.00	02	5	“	*14*	“		“	“	“	“	8.96	01	3	“	*13*
“		“	“	“	“	8.91	04	7	“	*05*	16476		1.6	−24	43	9.9	11.24	00	6	4	..
“		“	“	“	“	9.17	04b	1	“	*31*	4339		1.7	+38	48	8.9	9.50	08	4	20	..
..		0.7	+23	31	..	10.51	00	6	5	..	4531		1.7	+14	43	9.2	9.14	05	6	11	..
5886		0.7	−15	11	9.3	10.06	05	8	11	..	3398		1.8	+45	23	9.1	9.27	08	1	25	..
6175		0.7	−17	14	9.0	9.38	05	4	3	..	4407		1.8	+40	46	8.4	9.03	07	4	3	..
6176		0.8	−16	56	9.8	10.10	05	4	3	..	*4308*		1.8	+30	4	9.0	9.18	06	4	1	03
16473		0.8	−24	0	8.7	9.72	01	6	4	..	4331		1.8	+15	36	8.7	8.97	05	6	11	..
4401		0.9	+40	37	8.2	8.60	07	4	3	..	*6183*		1.8	−16	56	9.5	10.35	05	4	3	..
4425		0.9	+39	36	9.5	10.76	05	8	5	..	*4340*		1.9	+39	5	9.1	9.55	05	6	5	..
..		0.9	+23	30	..	11.02	00	6	5	..	5893		1.9	−15	3	9.2	10.09	05	8	11	..
4336		1.0	+38	21	8.8	9.40	08	4	20	..	*6184*		1.9	−16	53	9.0	8.83	05	4	3	..
..		1.0	+29	8	..	11.46	06	4	4	..	*5611*		1.9	−21	55	9.3	10.34	01	6	4	..
4320		1.0	+25	2	8.8	9.16	00	3	1	*10*	4311		2.0	+29	12	9.5	10.68	06	4	4	..
“		“	“	“	“	9.15	02	1	“	*09*	4612		2.0	+ 4	35	9.5	10.86	01	4	9	..
“		“	“	“	“	8.86	04	2	“	20	16482		2.0	−24	40	9.9	11.33	00	6	4	..
4826		1.0	+20	20	8.0	8.31	00	3	1	*21*	4434		2.1	+39	53	9.1	9.74	05	2	5	..
“		“	“	“	“	8.46	02	1	“	*36*	4073		2.1	+26	32	6.3	6.16	07b	3	12	07
“		“	“	“	“	8.32	04	2	“	*22*	“		“	“	“	“	6.31	07c	3	“	*08*
..		1.0	−15	2	..	11.10	05	6	11	..	4463		2.1	+25	15	8.3	8.03	00	3	1	28
5791		1.0	−16	28	9.3	9.93	05	4	3	..	“		“	“	“	“	8.37	02	1	“	*06*
16474		1.0	−23	59	9.3	9.95	01	6	4	..	“		“	“	“	“	8.23	04	2	“	08
4402		1.1	+40	17	8.5	9.10	05	2	1	*03*	*4661*		2.1	+ 1	4	8.8	8.45	07	1	8	*04*
“		“	“	“	“	8.99	08	4	“	08	*5862*		2.1	−17	51	7.2	6.24	07b	3	12	*21*
4659		1.1	+ 0	26	9.5	10.04	01r	2	9	..	“		“	“	“	“	6.31	07c	3	“	*28*
6178		1.1	−16	56	9.1	9.36	05	4	3	..	..		2.2	+45	22	..	12.24	07	4	7	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′								h.	m.	°	′						
..	21	2.2	+45	20	..	11.81	07	4	7	..	A	21	3.3	+40	3	9.0	9.43	08	4	1	01
4435		2.2	+39	37	9.3	10.08	05	2	5	..	5803		3.3	−16	45	9.4	9.86	06	6	4	..
4303		2.2	+ 2	25	9.5	10.11	01	3	9	..	*4667*		3.4	+ 1	11	9.3	8.79	07	2	8	..
5929		2.2	−21	31	9.0	9.80	01	6	4	..	16495		3.4	−24	2	7.4	7.10	01	6	4	*02*
16484		2.2	−24	26	9.6	10.58	00	6	4	..	4754		3.5	+6	36	6.5	6.01	07b	3	12	37
1159		2.3	+71	8	7.7	7.47	99	1	25	..	"		"	"	"	"	6.20	07c	3	"	18
..		2.3	+45	18	..	11.17	07	1	7	..	3710		3.6	+44	16	7.5	7.40	07	3	18	02
3401		2.3	+45	17	9.0	9.32	05	4	1	*05*	"		"	"	"	"	7.18	07b	3	"	24
6186		2.3	−16	51	9.2	9.66	05	4	3	..	5804		3.6	−16	34	8.5	8.65	05	4	3	..
3403		2.4	+45	19	8.4	8.62	05	4	1	*10*	"		"	"	"	"	8.67	06	6	4	..
"		"	"	"	"	8.55	07	4	"	*03*	..		3.6	−21	39	..	11.72	01	8	4	..
..		2.4	+29	10	..	10.87	06	4	4	..	..		3.6	−21	53	..	12.31	01	10	4	..
4537		2.5	+15	0	8.4	8.38	05	6	11	..	1285		3.7	+67	35	8.8	8.74	98	6	2	13
4506		2.5	+ 3	23	9.3	9.92	01	3	9	..	"		"	"	"	"	8.90	99	2	"	*03*
16486		2.5	−24	22	9.7	11.20	00	6	4	..	"		"	"	"	"	8.82	09	6	"	05
4315		2.6	+30	3	8.7	8.72	06	4	1	*01*	..		3.9	+45	16	..	11.52	07	4	7	..
3988		2.6	+29	5	8.9	9.06	06	4	4	..	4347		4.0	+15	18	8.9	9.04	05	3	1	*50*
4426		2.6	+ 1	17	9.5	10.96	01	2	9	..	"		"	"	"	"	8.85	05b	3	"	*31*
"		"	"	"	"	11.04	01g	1	"	..	"		"	"	"	"	8.80	06	3	"	*26*
6189		2.6	−17	7	8.3	8.06	05	4	3	..	"		"	"	"	"	8.98	06b	3	"	*44*
"		"	"	"	"	8.44	06	3	17	..	*5618*		4.0	−21	54	10	11.44	01	6	4	..
"		"	"	"	"	8.33	06b	3	"	..	635		4.1	+82	36	9.3	9.12	05	4	4	..
..		2.6	−21	53	..	12.07	01	11	4	..	..		4.1	+ 1	10	..	12.48	07	2	8	..
16487		2.6	−24	11	9.9	11.48	00	6	4	..	5538		4.1	−11	47	5.2	4.45	03b	2	13	07
4001		2.7	+41	59	9.1	9.58	05	4	25	..	"		"	"	"	"	4.49	03c	3	"	03
5940		2.7	−14	43	7.8	8.12	05	4	1	*11*	"		"	"	"	"	4.67	03d	1	"	*15*
"		"	"	"	"	7.81	05b	4	"	20	5946		4.1	−14	31	7.7	7.50	05	4	1	01
"		"	"	"	"	8.04	06	3	"	*03*	"		"	"	"	"	7.56	05b	4	"	*05*
"		"	"	"	"	7.83	06b	3	"	18	"		"	"	"	"	7.60	06	3	"	*09*
"		"	"	"	"	8.02	09	4	"	*01*	"		"	"	"	"	7.53	06b	3	"	*02*
..		2.8	+47	27	..	11.40	05	12	24	..	5809		4.1	−16	32	9.5	10.15	06	6	4	..
16488		2.8	−24	36	7.6	7.64	00	12	4	*26*	*4671*		4.4	+ 1	5	9.5	10.20	07	2	8	..
5614		2.9	−22	5	7.8	7.79	01	6	4	..	*4672*		4.5	+ 1	10	8.7	8.40	07	2	8	*09*
3289		3.0	+47	27	..	11.40	05	12	24	..	3423		4.6	+45	18	9.3	9.88	07	4	1	*31*
..		3.0	+45	20	..	12.09	07	4	7	..	5949		4.6	−14	41	8.2	8.60	05	5	1	*19*
4752		3.0	+ 7	2	8.2	8.22	08	2	19	..	"		"	"	"	"	8.38	07	4	3	03
"		"	"	"	"	8.46	08b	2	"	..	..		4.6	−16	27	..	11.22	06	6	4	..
4707		3.0	+ 5	15	8.6	8.42	07	3	1	*11*	*4333*		4.7	+25	6	9.0	9.17	00	3	1	14
"		"	"	"	"	8.52	07b	3	"	*21*	"		"	"	"	"	9.10	02	1	"	21
4665		3.1	+ 1	8	9.3	9.58	07	2	8	..	"		"	"	"	"	9.08	04	2	"	23
4666		3.1	+ 1	6	9.3	9.54	07	2	8	..	4311		5.0	+ 2	32	7.0	6.38	07b	3	12	09
..		3.1	+ 1	3	..	10.84	07	2	8	..	"		"	"	"	"	6.49	07c	3	"	*02*
3292		3.2	+47	15	4.6	4.57	04b	2	13	31	*4330*		5.1	+30	4	8.7	8.90	06	4	1	*09*
"		"	"	"	"	4.98	04c	2	"	*10*	..		5.1	+ 1	4	..	12.00	07	2	8	..
"		"	"	"	"	4.92	05c	1	"	*04*	5812		5.1	−16	32	9.8	10.99	06	6	4	..
"		"	"	"	"	4.89	05d	1	"	*01*	..		5.2	+ 1	5	..	12.20	07	2	8	..
4004		3.3	+41	50	8.5	9.19	05	6	24	*52*	5813		5.2	−16	28	9.9	10.97	06	6	4	..
"		"	"	"	"	8.78	05b	2	"	*11*	4362		5.3	+38	19	7.8	7.68	08	4	20	..
4441		3.3	+40	3	9.0	9.44	05	9	1	00	4363		5.3	+38	21	9.1	9.99	08	4	20	..
"		"	"	"	"	9.60	07	4	"	*16*	4622		5.3	+ 4	33	9.5	9.81	01	3	9	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	*m.*	°	′						
4437	21	5.3	+ 1	15	9.3	9.11	01	3	9	*12*
. .		5.3	+ 1	2	. .	11.34	07	2	8	. .
5378		5.3	− 4	19	8.8	9.25	05	4	4	. .
5950		5.3	−13	59	9.5	10.28	05	2	22	. .
"		"	"	"	"	10.44	05b	2	"	. .
"		"	"	"	"	10.45	08	2	"	. .
1183		5.4	+68	13	9.3	9.99	99	1	25	. .
4478		5.4	+10	20	8.5	8.53	05	3	1	*21*
4732		5.5	+ 9	44	4.0	4.65	03b	3	13	11
"		"	"	"	"	4.64	03c	3	"	12
4675		5.5	+ 0	23	9.5	10.07	01	3	9	. .
. .		5.5	− 4	35	. .	11.80	05	4	4	. .
. .		5.5	−16	24	. .	11.80	06	6	4	. .
4475		5.6	+25	53	8.5	8.51	03	6	17	. .
1186		5.7	+68	15	9.0	9.00	98	6	2	12
"		"	"	"	"	8.89	99	3	"	23
"		"	"	"	"	9.00	09	6	"	12
5380		5.7	− 4	30	9.7	10.47	05	4	4	. .
5815		5.7	−16	48	9.0	9.39	06	6	4	. .
1164		5.8	+71	2	6.0	5.51	99	1	2	45
"		"	"	"	"	5.85	99i	3	"	11
4425		5.8	+40	12	8.8	9.00	05r	2	1	17
"		"	"	"	"	9.12	07	4	"	05
. .		5.8	− 4	29	. .	12.96	05	4	4	. .
5816		5.8	−16	26	8.5	8.59	06	6	4	. .
4367		5.9	+38	32	9.0	9.23	08	4	20	. .
4469		5.9	+16	35	8.2	7.92	08	2	19	. .
"		"	"	"	"	8.22	08b	2	"	. .
4513		5.9	+ 3	26	9.0	9.33	01	3	9	. .
. .		5.9	− 4	31	. .	13.00	05	4	4	. .
3427		6.0	+45	20	7.2	7.69	07	3	1	*17*
"		"	"	"	"	7.22	07b	3	"	30
4426		6.0	+40	11	9.0	9.04	05	1	1	23
"		"	"	"	"	9.28	07	4	"	*01*
4486		6.0	+22	3	6.5	6.46	07b	3	12	*09*
"		"	"	"	"	6.42	07c	3	"	*05*
. .		6.0	− 4	29	. .	12.74	05	4	4	. .
1188		6.1	+68	12	8.2	8.00	98	6	2	01
"		"	"	"	"	8.17	99	3	"	*16*
"		"	"	"	"	8.01	09	6	"	00
. .		6.1	+ 1	3	. .	12.54	07	2	8	. .
. .		6.2	+67	58	. .	12.75	98	1	2	. .
"		"	"	"	"	12.74	99	4	"	. .
"		"	"	"	"	12.74	09	2	"	. .
3430		6.2	+46	0	8.0	8.08	07	3	18	. .
"		"	"	"	"	8.09	07b	3	"	. .
4316		6.2	+ 2	30	9.5	9.83	01	3	9	. .
5383		6.2	− 4	22	9.7	10.50	05	4	4	. .
4468		6.3	+40	5	9.1	9.31	05	7	1	03
"		"	"	"	"	9.30	07	4	"	04
5140	21	6.3	− 3	31	7.4	7.85	05	4	4	*29*
"		"	"	"	"	7.69	05b	1	"	*13*
5384		6.3	− 4	24	9.5	10.48	05	4	4	. .
1288		6.4	+67	51	7.0	7.01	98	5	2	*21*
"		"	"	"	"	6.60	99	4	"	20
"		"	"	"	"	6.66	09	6	"	14
5476		6.4	− 2	34	7.6	8.03	05	3	4	. .
"		"	"	"	"	7.81	05b	1	"	. .
. .		6.4	− 4	27	. .	11.39	05	4	4	. .
5910		6.4	−15	22	8.2	8.27	07	4	3	. .
. .		6.5	+68	9	. .	11.83	98	6	2	. .
"		"	"	"	"	11.50	99	3	"	. .
"		"	"	"	"	11.60	09	4	"	. .
4679		6.5	+ 0	16	8.4	8.66	01	5	1	*08*
"		"	"	"	"	8.44	01g	5	"	14
4469		6.6	+40	7	8.6	8.87	05	7	1	15
"		"	"	"	"	8.96	07	4	"	06
5386		6.6	− 4	22	9.3	9.94	05	4	4	. .
5911		6.6	−14	58	7.8	7.67	01	3	1	*02*
"		"	"	"	"	7.75	06	6	"	*10*
"		"	"	"	"	7.38	07	4	3	27
. .		6.7	+68	2	. .	10.33	98	5	2	. .
"		"	"	"	"	10.26	99	3	"	. .
"		"	"	"	"	10.28	09	6	"	. .
3721		6.7	+45	9	8.8	8.75	07	4	1	07
4340		6.7	+30	9	8.6	8.60	06	4	1	06
. .		6.8	+ 1	1	. .	11.51	07	2	8	. .
5912		6.8	−14	56	10	10.68	07	4	3	. .
5913		6.8	−15	24	7.5	7.27	07	4	3	*03*
4569		7.0	+12	33	7.6	8.08	05	4	4	. .
3322		7.1	+47	17	7.0	6.34	07b	3	12	02
"		"	"	"	"	6.38	07c	3	"	*02*
4121		7.1	− 1	44	9.0	9.72	05	3	1	*35*
. .		7.1	−14	57	. .	10.97	07	4	3	. .
1290		7.3	+68	6	9.5	11.15	98	6	2	. .
"		"	"	"	"	10.83	99	3	"	. .
"		"	"	"	"	11.07	09	6	"	. .
4474		7.3	+40	1	8.5	9.12	05	6	1	00
4570		7.3	+12	50	9.0	9.47	05	4	4	. .
4481		7.3	+10	13	8.6	8.49	05	3	1	*27*
5960		7.3	−14	48	8.5	8.40	01	3	1	*34*
"		"	"	"	"	7.86	05	5	"	20
4519		7.4	+17	21	7.3	7.35	08	2	19	*03*
"		"	"	"	"	7.59	08b	2	"	*27*
5389		7.4	− 4	42	8.3	8.59	05	8	4	11
. .		7.5	+68	8	. .	11.26	98	4	2	. .
"		"	"	"	"	10.86	99	3	"	. .
"		"	"	"	"	10.94	09	7	"	. .
. .		7.5	−14	40	. .	11.90	07r	4	3	. .
3728		7.6	+45	4	8.0	7.93	07	4	1	14

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	21 7.6	−14 39	..	11.16	07	4	3	..
..	7.7	+68 12	..	11.67	98	6	2	..
“	“	“ “	“	11.40	99	3	“	..
“	“	“ “	“	11.45	09	6	“	..
..	7.7	+68 8	..	11.55	98	4	2	..
“	“	“ “	“	11.36	99	3	“	..
“	“	“ “	“	11.42	09	6	“	..
4484	7.8	+10 16	8.6	8.84	05	4	1	03
5965	7.8	−14 47	9.1	9.84	07	4	3	..
..	8.0	+12 27	..	11.90	05	4	4	..
5392	8.0	− 4 41	7.8	8.19	05	8	1	*16*
4572	8.1	+12 24	9.0	9.33	05	4	4	..
4556	8.2	+15 10	8.1	8.08	07	3	18	01
“	“	“ “	“	8.04	07b	3	“	05
5922	8.2	−15 3	8.3	8.06	07	4	3	..
..	8.3	+82 43	..	10.99	05	4	4	..
..	8.3	+82 40	..	10.87	05	4	4	..
4344	8.3	+30 6	8.9	9.41	06	4	1	00
..	8.4	+82 44	..	11.48	05	4	4	..
3734	8.4	+45 5	9.0	8.84	07	4	1	13
..	8.4	+12 29	..	12.62	05	4	4	..
..	8.4	+12 24	..	12.28	05	4	4	..
..	8.5	+12 19	..	10.51	05	4	4	..
..	8.6	+12 24	..	12.84	05	4	4	..
4447	8.6	+ 1 17	9.5	9.31	01	3	9	..
4348	8.7	+29 49	3.0	3.30	03c	2	13	10
“	“	“ “	“	3.30	03d	2	“	10
“	“	“ “	“	3.23	04c	1	“	17
“	“	“ “	“	3.41	04d	1	“	*01*
..	8.9	+68 10	..	11.84	99	1	2	..
5155	8.9	− 3 10	8.3	8.55	05	4	4	..
5553	8.9	−11 1	6.5	6.76	07b	3	12	*27*
“	“	“ “	“	6.69	07c	3	“	*20*
..	9.0	+68 12	..	11.93	99	1	2	..
4490	9.0	+10 20	8.9	9.48	05	4	1	14
..	9.1	+68 12	..	12.48	98	1	2	..
1292	9.1	+68 8	9.4	10.18	98	6	2	*54*
“	“	“ “	“	10.36	99	3	“	*72*
“	“	“ “	“	10.08	09	6	“	*44*
5974	9.1	−14 44	9.1	9.25	01	3	1	01
“	“	“ “	“	9.35	05	5	“	*09*
“	“	“ “	“	9.20	06	6	“	06
“	“	“ “	“	9.41	07	4	“	*15*
4576	9.2	+12 41	8.9	9.27	05	4	4	..
5156	9.2	− 3 27	9.1	10.01	05	4	4	..
4686	9.3	+ 0 57	9.0	9.14	10	1	7	..
..	9.3	− 3 7	..	11.33	05	4	4	..
4483	9.4	+40 3	8.6	9.03	05	6	1	*11*
4470	9.4	+36 13	6.5	6.06	07b	3	12	*01*
“	“	“ “	“	6.11	07c	3	“	*06*
	h. m.	° ′						
4578	21 9.4	+12 35	8.1	8.35	05	4	4	..
4579	9.5	+12 27	9.5	10.10	05	4	4	..
..	9.5	− 3 12	..	12.61	05	4	4	..
6216	9.5	−17 46	6.5	6.26	07b	1	25	*04*
“	“	“ “	“	6.71	07c	1	“	*49*
4746	9.6	+ 9 36	4.7	4.60	03b	3	13	01
“	“	“ “	“	4.54	03c	3	“	07
4449	9.6	+ 1 20	8.8	8.90	10	4	7	04
4689	9.6	+ 1 6	9.2	8.93	07	2	8	06
“	“	“ “	“	9.12	10	4	7	*13*
4187	9.6	− 0 18	9.4	10.85	10	4	7	..
..	9.6	− 3 9	..	11.23	05	4	4	..
4188	9.7	− 0 38	9.5	10.09	10	4	7	..
5488	9.7	− 2 27	8.3	8.41	05	4	4	..
5158	9.7	− 3 28	9.5	10.63	05	5	4	..
“	“	“ “	“	10.79	05b	1	“	..
..	9.8	+68 14	..	12.32	98	1	2	..
“	“	“ “	“	13.01	99	3	“	..
4450	9.8	+ 1 15	8.5	8.15	10	4	7	19
4690	9.8	+ 0 23	9.5	9.34	01	3	9	..
4354	9.9	+29 29	7.0	6.32	07b	3	12	*07*
“	“	“ “	“	6.47	07c	3	“	*22*
4581	9.9	+12 26	9.1	9.25	05	4	4	..
5160	9.9	− 2 59	7.0	7.36	05	2	4	*30*
..	9.9	− 3 14	..	12.98	05	4	4	..
1294	10.0	+68 0	9.2	9.59	98r	4	2	..
“	“	“ “	“	9.50	99	3	“	..
“	“	“ “	“	9.46	09	5	“	..
4582	10.0	+12 32	9.5	10.02	05	4	4	..
5934	10.0	−14 49	8.5	8.26	01	3	1	15
“	“	“ “	“	8.35	05	5	“	06
“	“	“ “	“	8.54	06	6	“	*13*
“	“	“ “	“	8.49	07	7	18	*08*
“	“	“ “	“	8.70	07b	3	18	*29*
4326	10.2	+ 2 21	9.5	9.87	01	3	9	..
..	10.2	− 0 17	..	11.37	10	6	7	..
4531	10.3	+ 3 19	9.5	11.08	01	3	9	..
..	10.3	− 0 20	..	12.25	10	5	7	..
..	10.3	− 0 23	..	11.37	10	6	7	..
4632	10.4	+ 4 31	9.0	9.58	01	3	9	..
4633	10.4	+ 5 6	8.8	8.42	01r	3	1	*03*
“	“	“ “	“	8.27	01g	3	“	12
5891	10.5	−13 37	6.5	6.52	06	1	1	00
“	“	“ “	“	6.39	06b	1	“	13
“	“	“ “	“	6.98	07b	2	25	*46*
“	“	“ “	“	6.92	07c	2	“	*40*
4743	10.6	+18 12	7.5	8.02	08	2	19	20
“	“	“ “	“	8.41	08b	2	“	*19*
5977	10.6	−13 53	9.0	9.32	06	5	17	..
“	“	“ “	“	9.44	06b	1	“	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
6061	21 10.7	−19 46	9.0	9.26	00	3	1	*08*	640	21 13.7	+82 24	9.4	9.46	05	4	4	. .
“	“	“ “	“	9.45	01	3	“	*27*	4371	13.8	+34 29	4.2	4.18	04c	3	13	24
. .	10.8	+68 12	. .	12.88	98	3	2	. .	“	“	“ “	“	4.23	04d	3	“	19
“	“	“ “	“	12.73	99	3	“	. .	4337	13.8	+ 2 29	9.5	9.75	01	3	9	. .
“	“	“ “	“	12.61	09	6	“	. .	4704	13.8	+ 0 16	9.3	9.50	01	3	9	. .
4240	10.8	+37 37	4.0	3.80	04c	3	13	02	5904	13.9	−13 28	7.2	6.56	01	1	25	16
“	“	“ “	“	3.88	04d	3	“	*06*	4542	14.0	+ 3 39	9.5	10.50	01	3	9	. .
4496	10.8	+10 23	8.0	8.61	05	5	1	21	4649	14.1	+ 4 15	9.3	9.58	01	3	9	. .
4635	10.8	+ 4 50	4.5	3.90	01i	3	1	24	*5949*	14.1	−14 49	9.0	9.21	01	6	1	*10*
“	“	“ “	“	4.27	03b	1	13	*13*	“	“	“ “	“	9.26	07	4	“	*15*
“	“	“ “	“	4.10	03c	3	“	04	911	14.3	+74 24	8.5	8.81	08	2	19	. .
“	“	“ “	“	4.14	03d	2	“	00	“	“	“ “	“	9.08	08b	1	“	. .
3462	10.9	+45 17	9.5	9.95	04	1	25	. .	1299	14.3	+67 56	7.5	8.11	98	5	2	*49*
5940	11.4	−14 54	9.1	9.12	01	3	1	14	“	“	“ “	“	8.02	99	3	“	*40*
“	“	“ “	“	9.24	05	5	“	02	“	“	“ “	“	7.64	09	6	“	*02*
“	“	“ “	“	9.29	07	4	“	*03*	641	14.6	+82 20	9.3	9.56	05	4	4	. .
6172	11.4	−19 53	9.0	9.22	00	3	1	06	*2309*	14.6	+58 10	6.5	6.37	07b	3	12	04
“	“	“ “	“	9.36	01	3	“	*08*	“	“	“ “	“	6.35	07c	3	“	06
5495	11.5	− 2 2	6.8	6.42	07b	4	12	*01*	4674	14.8	+13 56	8.4	8.29	05	4	4	. .
“	“	“ “	“	6.53	07c	4	“	*12*	. .	15.1	+14 1	. .	11.05	05	4	4	. .
6173	11.5	−19 55	8.3	8.37	00	3	1	*24*	. .	15.1	+13 57	. .	11.60	05	4	4	. .
“	“	“ “	“	8.32	01	3	“	*19*	4271	15.4	+37 49	6.2	5.89	07b	3	12	*06*
1708	11.7	+63 59	6.4	6.24	07b	3	12	17	“	“	“ “	“	5.72	07c	3	“	11
“	“	“ “	“	6.58	07c	3	“	*17*	. .	15.4	+13 55	. .	11.46	05	4	4	. .
5897	11.8	−13 42	6.7	6.47	06	1	1	*29*	. .	15.7	−15 39	. .	12.42	01	6	4	. .
“	“	“ “	“	6.27	06b	1	“	*09*	“	“	“ “	“	12.36	01g	2	“	. .
“	“	“ “	“	6.58	07b	3	12	*40*	*6192*	15.7	−19 58	8.5	8.62	00	3	1	*04*
“	“	“ “	“	6.38	07c	3	“	*20*	“	“	“ “	“	8.57	01	3	“	01
1295	11.9	+67 44	7.8	8.29	98	5	2	*01*	. .	15.9	+13 59	. .	12.98	05	3	4	. .
“	“	“ “	“	8.47	99	4	“	*19*	4711	15.9	+ 0 16	8.3	8.09	01	5	1	*06*
“	“	“ “	“	8.21	09	6	“	07	“	“	“ “	“	7.98	01g	5	“	05
5404	12.0	− 4 40	8.3	8.28	05	8	1	07	. .	16.0	+13 59	. .	12.79	05	4	4	. .
3348	12.2	+47 33	6.3	6.36	07b	3	12	*04*	5958	16.0	−15 35	8.0	7.99	01	5	4	33
“	“	“ “	“	6.25	07c	3	“	07	“	“	“ “	“	7.98	01g	1	“	34
4698	12.3	+ 1 9	9.0	9.21	07	1	8	*32*	*2111*	16.2	+62 10	3.0	2.83	05c	3	13	*23*
“	“	“ “	“	8.92	10	4	7	*03*	“	“	“ “	“	2.49	05d	3	“	11
4067	12.7	+41 50	6.3	6.23	07b	3	12	30	4676a	16.2	+13 56	9.5	10.12	05	4	4	. .
“	“	“ “	“	6.30	07c	3	“	23	. .	16.2	−15 28	. .	11.60	01r	5	4	. .
4140	12.7	− 1 49	8.7	8.52	05	6	1	10	“	“	“ “	“	12.12	01g	1	“	. .
5410	12.7	− 3 54	8.5	8.46	99	8	23	01	4677	16.3	+13 56	9.0	8.96	05	4	4	. .
“	“	“ “	“	8.52	01	6	“	*05*	. .	16.3	−15 24	. .	11.25	01	5	4	. .
“	“	“ “	“	8.38	01g	6	“	09	“	“	“ “	“	11.31	01g	1	“	. .
5904	12.7	−17 53	7.5	7.20	07b	3	12	*89*	. .	16.3	−15 33	. .	12.74	01	6	4	. .
“	“	“ “	“	7.34	07c	3	“	*103*	“	“	“ “	“	12.55	01g	2	“	. .
4700	12.9	+ 1 4	9.0	8.88	07	1	8	06	. .	16.4	+14 8	. .	10.77	05	4	4	. .
“	“	“ “	“	9.03	10	4	7	*09*	4679	16.4	+13 41	9.3	10.54	05	4	4	. .
4458	13.4	+ 1 14	9.3	9.51	01	3	9	. .	*5529*	16.4	− 4 55	8.0	7.84	05	4	1	26
4431	13.5	+38 59	4.5	4.32	04c	3	13	*04*	5959	16.4	−15 31	9.0	9.33	01	5	4	*01*
“	“	“ “	“	4.37	04d	3	“	*09*	“	“	“ “	“	9.53	01g	1	“	*21*
4460	13.6	+ 1 30	9.2	8.67	01	1	25	. .	6083	16.4	−19 39	9.0	8.90	00	3	1	13

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	21 16.4	−19 39	9.0	8.93	01	3	1	10
4682	16.6	+14 0	9.3	9.77	05	4	4	. .
5961	16.6	−15 21	9.3	10.47	01	5	4	. .
“	“	“ “	“	10.66	01g	1	“	. .
5532	16.7	− 4 50	9.0	9.37	05	4	1	*17*
6245	16.7	−17 16	4.2	4.59	03b	2	13	*29*
“	“	“ “	“	4.32	03c	3	“	*02*
“	“	“ “	“	4.02	03d	1	“	28
6084	16.7	−19 45	9.2	9.34	00	3	1	04
“	“	“ “	“	9.20	01	3	“	18
. .	16.8	+13 48	. .	10.95	05	4	4	. .
5965	17.0	−15 12	9.3	9.69	01	5	4	. .
“	“	“ “	“	9.78	01g	1	“	. .
4684	17.2	+13 44	9.5	10.52	05	4	4	. .
5966	17.2	−15 29	9.5	10.51	01	6	4	. .
“	“	“ “	“	10.63	01g	1	“	. .
16877	17.3	−23 5	6.0	6.04	07b	1	25	*32*
“	“	“ “	“	6.04	07c	1	“	*32*
5968	17.4	−15 23	9.5	10.72	01	5	4	. .
“	“	“ “	“	10.74	01g	1	“	. .
4691	17.5	+19 23	4.4	4.09	03c	3	13	15
“	“	“ “	“	4.35	03d	3	“	*11*
4715	17.7	+ 0 37	9.5	10.46	01	3	9	. .
5972	17.7	−15 15	8.8	9.26	01	5	4	. .
“	“	“ “	“	9.13	01g	1	“	. .
4556	18.1	+ 3 26	9.5	10.57	01	3	9	. .
5974	18.1	−15 28	8.9	9.16	01	5	4	*01*
“	“	“ “	“	9.14	01g	1	“	01
4772	18.2	+18 40	8.7	8.22	03	6	17	. .
4657	18.3	+ 4 30	9.3	9.58	01	3	9	. .
16889	18.4	−23 11	6.8	6.80	07b	3	12	*32*
“	“	“ “	“	7.02	07c	3	“	*54*
4661	18.5	+ 5 1	9.0	8.88	01	5	1	02
“	“	“ “	“	8.72	01g	5	“	18
4407	18.7	+15 16	9.0	9.42	05	4	1	*18*
4471	18.8	+38 12	7.0	6.54	07b	3	12	*09*
“	“	“ “	“	6.54	07c	3	“	*09*
4472	18.8	+ 1 12	9.3	8.89	01	3	9	30
4351	19.1	+ 2 22	9.5	10.15	01	3	9	. .
6016	19.1	−14 40	9.0	9.70	01	6	1	*24*
4537	19.3	+10 15	8.5	8.70	01	2	1	*13*
6018	19.5	−14 48	8.9	8.93	01	6	1	*02*
4411	19.9	+15 20	8.2	8.59	05	4	1	00
6020	19.9	−14 43	7.2	6.97	01	2	1	*11*
“	“	“ “	“	6.99	01g	1	“	*13*
4804	20.5	+10 9	8.5	8.54	01	2	1	03
4607	20.7	+15 7	8.3	8.18	05	4	1	36
5982	20.9	−14 56	9.1	9.36	01	6	1	09
4609	21.0	+15 10	6.8	6.86	05	1	4	10
15388	21.0	−22 51	3.7	3.76	03c	3	13	10

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	21 21.0	−22 51	3.7	4.06	03d	3	13	*20*
4479	21.3	+ 1 22	9.5	9.94	01	3	9	. .
4415	21.4	+15 13	9.2	9.40	05	4	1	04
3376	21.5	+48 54	6.5	6.36	07b	4	12	08
“	“	“ “	“	6.43	07c	3	“	01
4809	21.5	+ 9 43	7.3	7.74	01	2	1	*07*
4565	21.6	+ 3 20	9.5	10.44	01	3	9	. .
6099	21.6	−19 44	8.0	8.06	00	3	1	22
735	21.7	+81 20	7.8	7.61	05	4	1	12
4359	21.7	+ 2 35	9.5	9.72	01	3	9	. .
4794	21.8	+18 58	6.7	6.00	07b	3	12	06
“	“	“ “	“	5.96	07c	3	“	10
4435	21.9	+30 19	9.5	10.61	99	1	25	. .
2132	22.1	+62 7	9.4	9.49	05	3	25	. .
“	“	“ “	“	10.02	05b	1	“	. .
4729	22.3	+ 0 38	9.0	8.53	01	3	9	. .
4676	22.5	+ 4 22	9.3	9.63	01	3	9	. .
4420	22.6	+15 54	8.5	8.51	03	6	17	. .
4817	22.7	+10 8	8.6	8.91	01	2	1	06
736	22.8	+81 36	7.9	7.40	05	4	1	07
6005	22.9	−12 1	7.0	6.68	07b	3	12	*18*
“	“	“ “	“	6.83	07c	3	“	*33*
737	23.0	+82 5	7.5	7.92	05	4	1	*09*
5692	23.0	−22 15	5.7	4.60	03b	3	13	*01*
“	“	“ “	“	4.75	03c	3	“	*16*
2134	23.3	+62 9	8.8	7.92	05	2	24	. .
“	“	“ “	“	8.33	05b	2	“	. .
3814	23.3	+44 28	7.8	8.14	08	2	19	. .
“	“	“ “	“	8.20	08b	2	“	. .
4821	23.3	+10 11	8.4	8.74	01	2	1	18
2939	23.4	+52 28	5.8	5.96	07b	1	25	*01*
“	“	“ “	“	5.62	07c	1	“	33
4612	23.4	+15 12	8.7	9.08	05	4	1	*19*
4696	23.5	+ 7 46	6.5	6.38	07b	3	12	28
“	“	“ “	“	6.59	07c	3	“	07
2135	24.2	+61 54	9.5	9.94	05	2	25	. .
6039	24.2	−14 28	7.0	6.97	01	3	1	14
4592	24.3	+17 29	6.5	6.27	07b	3	12	09
“	“	“ “	“	6.43	07c	3	“	*07*
4571	24.3	+11 46	9.5	11.36	99	4	16	. .
“	“	“ “	“	11.54	01	4	“	. .
4687	24.3	+ 5 6	8.5	8.82	01	4	1	*02*
“	“	“ “	“	8.64	01g	4	“	16
2380	24.4	+60 8	8.7	8.37	07	3	18	19
“	“	“ “	“	8.39	07b	3	“	17
4572	24.4	+11 48	9.4	10.64	99	4	16	. .
“	“	“ “	“	10.78	01	4	“	. .
6042	24.5	−14 39	9.3	10.14	01	3	1	*58*
704	24.6	+79 21	9.5	8.76	98	1	25	. .
751	24.6	+78 52	9.4	8.91	98	1	25	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
..	21 24.7	+11 42	..	12.53	99	5	16	..	4573	21 28.3	+10 16	8.8	9.70	10	2	1	*23*
3528	24.8	+50 8	9.5	10.40	05	4	25	..	"	"	" "	"	9.66	02	6	"	*19*
4736	24.8	+ 1 10	8.8	8.84	07	2	8	05	"	"	" "	"	9.96	02g	6	"	*49*
4580	24.9	+37 9	8.0	8.14	08	2	19	..	*6066*	28.3	−13 58	9.1	9.22	01	6	4	..
"	"	" "	"	8.16	08b	2	"	..	708	28.5	+79 21	9.0	8.16	98	1	25	..
4451	24.9	+30 22	8.5	9.08	02	1	10	*07*	*4747*	28.5	+ 1 10	9.0	8.91	07	2	8	*02*
"	"	" "	"	8.94	02g	1	"	07	6068	28.6	−14 33	9.6	10.65	01	6	4	..
..	25.0	+11 40	..	12.68	99	4	16	..	753	28.7	+78 53	9.4	9.02	98	1	2	35
5997	25.1	−14 52	8.7	8.86	01	3	1	*10*	"	"	" "	"	9.33	09	6	"	04
4578	25.4	+11 51	7.8	7.69	99	4	16	..	*6070*	28.8	−13 56	8.0	7.82	01	6	4	..
4325	25.5	+23 12	4.5	4.53	03b	3	13	23	4576	29.0	+10 16	8.0	8.14	01	2	1	23
"	"	" "	"	4.60	03c	3	"	16	"	"	" "	"	8.24	02	6	"	13
..	25.5	+11 36	..	12.45	99	4	16	..	"	"	" "	"	8.21	02g	7	"	16
..	"	" "	"	12.56	01	4	"	..	6071	29.0	−14 5	9.3	9.68	01	6	4	..
..	25.6	+11 44	..	12.57	99	4	16	..	..	29.0	−14 32	..	12.45	01	10	4	..
4579	25.6	+11 41	9.5	10.24	99	4	16	..	*4604*	29.2	+37 0	9.5	10.48	01	1	25	..
"	"	" "	"	10.76	01	5	"	..	6072	29.3	−14 21	8.8	8.90	01	6	4	..
2544	25.7	+54 59	6.1	6.23	07b	1	25	*17*	..	29.3	−14 26	..	12.73	01	4	4	..
"	"	" "	"	5.94	07c	1	"	12	6073	29.3	−14 28	9.3	10.28	01	7	4	..
3535	25.8	+49 54	9.4	9.79	05	6	24	..	4579	29.4	+ 3 13	9.0	8.71	01	3	9	..
"	"	" "	"	9.98	05b	2	"	..	4500	29.5	+ 1 29	9.2	8.77	01	3	9	..
4567	25.8	+ 3 15	9.5	10.53	01	3	9	..	*16729*	29.5	−23 54	6.7	6.88	07b	3	12	*48*
4580	25.9	+11 55	9.5	10.62	02	9	16	..	"	"	" "	"	7.02	07c	3	"	*62*
"	"	" "	"	10.84	02g	9	"	..	3584	29.6	+45 25	6.5	5.72	08	1	1	84
4693	25.9	+ 4 38	9.0	9.16	01	3	9	..	"	"	" "	"	6.02	08b	1	"	54
4737	25.9	+ 0 36	9.0	8.51	01	3	9	..	4749	29.6	+ 0 17	9.5	10.33	01	3	9	..
4371	26.3	+ 2 21	9.3	9.30	01	3	9	..	823	29.9	+77 30	7.2	7.17	98	3	2	17
5770	26.3	− 6 1	3.5	3.12	03c	3	13	*05*	"	"	" "	"	7.07	09	6	"	27
"	"	" "	"	3.00	03d	4	"	07	4702	29.9	+ 4 17	9.5	10.41	01	3	9	..
4492	26.4	+ 1 15	9.3	9.30	01	3	9	..	4383	29.9	+ 2 42	9.3	9.17	01	3	9	..
..	26.6	+51 9	..	10.60	05	2	25	..	4431	30.1	+22 19	6.7	6.54	07b	3	12	*17*
4330	26.7	+37 32	7.3	7.72	08	1	1	*14*	"	"	" "	"	6.43	07c	3	"	*06*
"	"	" "	"	7.77	08b	1	"	*19*	4607	30.5	+17 53	9.3	9.86	05	8	24	..
3352	26.9	+51 10	9.5	10.39	05	8	24	..	"	"	" "	"	10.07	05b	1	"	..
6055	26.9	−14 42	9.0	9.14	01	6	4	17	*4359*	30.7	+38 5	5.0	5.06	04b	2	13	*08*
4741	27.1	+ 0 18	8.8	9.00	01	4	1	*02*	"	"	" "	"	5.29	04c	3	"	*31*
"	"	" "	"	9.08	01g	4	"	*10*	"	"	" "	"	5.15	04d	1	"	*17*
6005	27.2	−14 55	8.8	9.08	01	6	4	*08*	742	30.8	+81 18	8.0	8.03	05	4	1	04
4570	27.3	+10 29	7.0	7.47	01g	1	1	*33*	4107	30.9	+27 46	6.7	6.30	07b	3	12	05
"	"	" "	"	7.63	01	1	"	*49*	"	"	" "	"	6.33	07c	3	"	02
1173	27.4	+70 7	3.0	3.30	05c	3	13	02	*4346*	30.9	+24 3	6.5	6.28	07b	3	12	*15*
"	"	" "	"	3.22	05d	3	"	10	"	"	" "	"	6.13	07c	3	"	00
3354	27.5	+50 59	9.5	9.99	05	2	25	..	3091	31.0	+51 15	6.4	6.09	07b	3	12	*13*
6061	27.5	−14 14	10	11.14	01	6	4	..	"	"	" "	"	6.13	07c	3	"	*17*
4838	27.7	+10 7	8.2	8.42	01	2	1	20	*4703*	31.0	+ 5 2	8.0	8.31	01	5	1	*06*
648	27.8	+82 33	8.0	8.14	05	4	1	*15*	"	"	" "	"	8.20	01g	5	"	05
4418	27.9	+22 56	7.0	6.57	07b	3	12	*13*	*6251*	31.5	−19 54	4.7	4.62	03b	3	13	10
"	"	" "	"	6.56	07c	3	"	*12*	"	"	" "	"	4.78	03c	3	"	*06*
724	28.2	+80 18	8.7	9.85	99	1	25	..	4613	31.6	+17 42	9.5	9.97	05	4	25	..
..	28.2	−14 29	..	12.04	01	10	4	..	..	32.2	+ 1 5	..	12.00	07	2	8	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
2267	21 32.4	+60 28	9.5	9.61	05	8	24	..
..	32.4	+ 1 8	..	12.72	07	2	8	..
..	32.4	+ 1 1	..	11.40	07	2	8	..
5701	32.4	− 8 18	5.0	4.76	03b	3	13	02
"	"	" "	"	4.80	03c	3	"	*02*
..	32.5	+60 28	..	10.76	05	6	25	..
..	32.6	+ 1 9	..	10.80	07	2	8	..
4758	32.7	+ 0 24	9.5	10.04	01	3	9	..
4861	32.9	+10 12	8.7	9.08	01	2	1	14
2581	33.3	+54 23	7.8	8.51	01	6	4	..
..	33.3	+ 1 7	..	11.67	07	2	8	..
..	33.4	+ 1 9	..	12.79	07	2	8	..
4310	33.5	+33 32	9.3	9.57	02	1	10	..
4712	33.5	+ 4 36	9.5	10.14	01	3	9	..
..	33.6	+ 1 2	..	11.50	07	2	8	..
6094	33.8	−14 20	7.0	7.47	01	3	1	*17*
4516	34.0	+31 26	9.5	11.27	02	1	10	..
4514	34.0	+ 1 28	9.3	10.11	01	3	9	..
5640	34.0	−11 1	6.3	6.23	07b	3	12	*05*
"	"	" "	"	6.24	07c	3	"	*06*
4759	34.1	+ 1 6	9.3	10.54	07	2	8	..
4594	34.2	+ 3 13	9.5	10.43	01	3	9	..
824	34.3	+78 11	9.4	10.24	98	3	2	*30*
"	"	" "	"	10.42	09	6	"	*48*
825	34.3	+78 1	9.5	9.77	98	3	2	17
"	"	" "	"	10.15	09	6	"	*21*
2659	34.3	+53 36	6.5	6.18	07b	3	12	02
"	"	" "	"	6.09	07c	3	"	11
4389	34.4	+ 2 13	9.5	10.66	01	3	9	..
6340	34.6	−17 7	3.5	3.73	03c	3	13	07
"	"	" "	"	3.97	03d	3	"	*17*
2667	34.8	+53 30	9.3	9.39	01	6	4	..
..	34.9	+78 8	..	12.76	98	2	2	..
"	"	" "	"	12.85	09	7	"	..
4482	34.9	+34 27	9.4	10.07	02	1	10	..
4495	34.9	+30 19	8.7	8.97	02	1	10	*26*
"	"	" "	"	8.92	02g	1	"	*21*
"	"	" "	"	8.44	06	2	1	27
"	"	" "	"	8.98	06b	2	"	*27*
4169	35.0	+42 59	8.7	8.94	06r	2	17	..
"	"	" "	"	8.69	06b	1	"	..
..	35.1	+ 1 8	..	11.06	07	2	8	..
2169	35.2	+61 38	5.0	4.96	05c	3	13	*09*
"	"	" "	"	4.82	05d	3	"	05
6033	35.2	−14 50	8.5	8.86	01	3	1	30
..	35.4	+ 1 8	..	11.91	07	2	8	..
2673	35.8	+53 14	8.4	8.82	01	6	4	..
4390	35.8	+37 24	8.6	9.02	01	7	5	..
..	36.1	+78 3	..	11.85	98	3	2	..
"	"	" "	"	11.91	09	6	"	..
	h. m.	° ′						
..	21 36.6	+ 1 9	..	13.00	07	2	8	..
..	36.8	+ 1 3	..	11.16	07	1	8	..
4494	36.9	+34 39	9.3	10.02	02g	1	10	..
2682	37.0	+53 49	9.5	10.07	01	12	4	..
2683	37.0	+53 35	8.9	8.82	01	6	4	..
4602	37.0	+ 3 15	9.3	9.19	01	3	9	..
4496	37.1	+34 59	8.5	8.88	06	2	17	..
"	"	" "	"	8.73	06b	2	"	..
4769	37.1	+ 0 22	9.5	10.39	01	3	9	..
6152	37.1	−19 19	5.0	4.96	03b	3	13	*14*
"	"	" "	"	5.13	03c	3	"	*31*
..	37.2	+53 54	..	11.22	01	2	4	..
4576	37.2	+39 1	7.8	8.16	08	2	19	..
"	"	" "	"	8.02	08b	2	"	..
4251	37.3	− 0 1	7.8	8.93	07	3	18	*65*
"	"	" "	"	8.77	07b	3	"	*49*
..	37.4	+78 13	..	13.02	98	2	2	..
2598	37.6	+54 37	8.5	8.97	01	6	4	..
759	37.8	+78 37	8.8	9.03	98	3	2	05
"	"	" "	"	9.21	09	6	"	*13*
..	37.9	+78 10	..	11.97	98	1	2	..
4508	38.0	+30 34	9.5	10.91	02g	1	10	..
2685	38.1	+53 45	9.5	10.64	01	13	4	..
4235	38.2	+32 19	9.5	11.16	02g	1	10	..
4533	38.3	+31 44	9.5	10.83	02g	1	10	..
4399	38.3	+ 2 13	9.2	9.32	01	3	9	..
4399	38.4	+37 24	9.1	9.70	01	6	5	..
3640	38.5	+45 49	8.3	8.61	08	2	19	..
"	"	" "	"	8.57	08b	2	"	..
4186	38.5	+43 6	9.2	9.42	01	9	25	06
"	"	" "	"	9.50	01g	7	"	*02*
4400	38.5	+37 37	9.3	9.37	01	7	5	..
4401	38.5	+37 58	8.8	8.85	01	6	5	..
3410	38.6	+50 44	5.1	4.76	05c	2	13	02
"	"	" "	"	4.77	05d	2	"	01
4239	38.6	+33 5	9.5	10.94	02g	1	10	..
2686	38.7	+53 40	9.3	9.90	01	7	4	..
4456	38.7	+24 32	9.4	9.94	05	4	4	..
2687	38.8	+53 37	8.8	9.04	01	6	4	..
4403	38.8	+37 38	9.5	10.32	01	12	5	..
4404	38.8	+37 25	8.0	7.48	01	6	5	..
4730	38.8	+ 4 13	9.0	9.44	01	3	9	..
4531	38.8	+ 1 32	9.3	9.69	01	3	9	..
4405	38.9	+37 44	8.2	8.13	01	6	5	..
4406	38.9	+37 47	9.3	10.08	01	6	5	..
4599	38.9	+25 15	9.0	9.27	05	4	1	14
..	39.0	+78 13	..	12.17	98	3	2	..
"	"	" "	"	12.31	09	6	"	..
3480	39.0	+49 8	6.4	5.98	07b	3	12	14
"	"	" "	"	6.09	07c	3	"	03

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4891	21 39.3	+ 9 25	2.3	2.57	03c	3	13	*03*
"	"	" "	"	2.62	03d	3	"	*08*
4409	39.4	+37 40	9.3	9.96	01	6	5	..
..	39.4	+37 32	..	10.66	01	6	5	..
..	39.5	+24 35	..	11.87	05	1	4	..
4169	39.6 39.6	+28 18 +28 18	4.5	4.69	03b	2	13	*24*
"	"	" "	"	4.52	03c	3	"	*07*
"	"	" "	"	4.40	03d	1	"	05
2314	39.7	+58 48	6.7	6.02	07b	3	12	19
"	"	" "	"	6.13	07c	3	"	08
4412	39.7	+38 5	9.5	10.14	01	11	5	..
4460	39.7	+24 52	8.8	9.46	05	4	4	..
..	39.8	+24 34	..	11.20	05	4	4	..
..	39.8	+24 32	..	11.41	05	4	4	..
4582	39.8	+16 54	4.0	4.58	03b	3	13	*06*
"	"	" "	"	4.70	03c	3	"	*18*
..	39.9	+24 32	..	11.53	05r	4	4	..
..	39.9	+24 32	..	12.89	05	4	4	..
..	39.9	+24 30	..	12.69	05	4	4	..
..	40.0	+24 28	..	11.92	05	4	4	..
2691	40.1	+54 0	9.5	9.96	05	4	25	..
4512	40.2	+35 8	8.5	8.99	02	1	25	*07*
"	"	" "	"	8.79	02g	1	"	13
..	40.2	+24 33	..	12.50	05	4	4	..
4464	40.2	+24 12	9.0	9.27	05	4	4	..
..	40.3	+24 32	..	11.20	05	4	4	..
4466	40.4	+24 50	9.5	9.94	05	4	4	..
4775	40.4	+ 0 13	9.0	9.16	01	3	1	02
"	"	" "	"	9.07	01g	3	"	11
1193	40.5	+70 51	5.0	4.71	05c	3	13	14
"	"	" "	"	4.76	05d	3	"	09
4030	40.5	+43 21	8.6	8.73	01	9	25	03
"	"	" "	"	8.68	01g	8	"	08
4467	40.5	+24 13	8.2	8.45	05	4	4	..
2692	40.6	+54 8	9.5	10.33	05	8	24	..
2693	40.6	+53 15	9.2	9.31	05	8	24	..
2694	40.6	+53 50	8.2	8.26	01	7	4	..
4468	40.6	+24 45	9.4	9.86	05	4	4	..
..	40.6	+24 33	..	10.22	05	4	4	..
..	40.7	+78 11	..	10.79	98	3	2	..
"	"	" "	"	10.89	09	6	"	..
4538	40.7	+ 2 8	9.3	9.28	01	3	9	..
4777	40.7	+ 0 17	9.5	9.70	01	3	9	..
4248	40.8	+32 35	9.5	9.87	02	1	10	..
4542	41.0	+31 22	9.5	9.92	02	1	10	..
4418	41.2	+37 52	8.5	8.80	01	6	5	..
3025	41.4	+53 5	9.5	10.04	05	4	25	..
4515	41.4	+34 40	9.4	11.10	02	1	10	..
4471	41.4	+25 6	7.0	6.87	05	3	1	*31*
	h. m.	° ′						
A	21 41.4	+25 6	7.0	6.64	05b	1	1	*08*
4611	41.5	+ 3 32	9.5	9.89	01	3	9	..
5943	41.5	−16 35	3	3.10	03c	3	13	*12*
"	"	" "	"	2.82	03d	3	"	16
4473	41.8	+25 6	6.8	6.24	05	3	1	24
"	"	" "	"	6.53	05b	1	"	*05*
..	42.1	+78 13	..	10.72	98	3	2	..
"	"	" "	"	10.89	09	6	"	..
4522	42.1	+30 45	9.3	10.27	02	1	10	..
4739	42.1	+ 4 34	9.3	9.78	01	3	9	..
4204	42.3	+42 35	6.5	6.65	07b	3	12	*22*
"	"	" "	"	6.59	07c	3	"	*16*
2288	42.6	+60 40	4.5	4.35	05c	3	13	11
"	"	" "	"	4.43	05d	3	"	03
3138	42.6	+52 1	9.5	10.92	05	2	25	..
"	"	" "	"	11.12	06	2	"	..
4523	42.6	+30 15	8.9	8.90	02	1	10	11
"	"	" "	"	8.93	02g	1	"	08
..	42.7	+78 16	..	10.90	98	1	2	..
4344	42.7	+33 22	9.5	11.02	02	1	10	..
..	43.0	+52 5	..	10.65	05	4	24	..
"	"	" "	"	10.99	06	4	"	..
3504	43.1	+48 51	4.5	4.23	05c	3	13	03
"	"	" "	"	4.36	05d	3	"	*10*
4745	43.2	+ 4 59	9.0	9.13	01	4	1	*08*
"	"	" "	"	9.14	01g	4	"	*09*
4541	43.3	+ 1 17	9.5	10.66	01	3	9	..
1645	43.5	+65 20	9.3	10.27	05	1	25	..
3036	43.7	+52 13	9.3	9.69	05	7	24	..
"	"	" "	"	10.33	05b	1	"	..
4540	43.9	+30 14	9.5	9.97	02	1	10	..
3150	44.0	+52 8	9.4	10.25	05	4	25	..
4621	44.3	+25 14	7.5	8.12	05	4	1	*16*
6027	44.3	−13 11	6.5	6.47	07b	3	12	*35*
"	"	" "	"	6.41	07c	3	"	*29*
4544	44.6	+ 1 21	9.5	10.13	01	1	25	..
6389	44.7	−17 19	6.7	6.59	07b	3	12	*12*
"	"	" "	"	6.77	07c	3	"	*30*
4427	44.8	+ 3 10	9.5	10.80	01	2	9	..
4546	44.9	+ 1 34	9.3	9.64	01	3	9	..
4356	45.0	+33 35	9.5	9.99	02	1	10	..
4783	45.0	+ 0 29	9.5	9.64	01	3	9	..
4525	45.4	+29 43	5.3	5.05	03b	3	13	*05*
"	"	" "	"	5.14	03c	3	"	*14*
4784	45.4	+ 0 16	8.2	7.62	01	3	1	21
"	"	" "	"	7.47	01g	2	"	36
4754	45.6	+ 4 13	9.3	9.10	01	3	9	..
4225	45.9	+42 43	9.1	9.28	05	6	5	..
4226	46.2	+42 24	7.8	7.67	05	6	5	..
4673	46.2	+12 9	7.7	7.07	05	4	24	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	21 46.2	+12 9	7.7	6.89	05b	4	24	..	..	21 51.2	+22 17	..	11.69	07	4	3	..
834	46.6	+77 47	7.0	7.30	09	1	25	*12*	4765	51.2	+ 4 30	9.3	10.24	01	3	9	..
4434	46.6	+ 2 18	9.3	9.39	01	3	9	..	..	51.4	+22 24	..	12.24	07	4	3	..
6178	46.6	−19 37	9.0	9.72	09	1	25	..	4672	51.6	+40 22	8.2	7.91	05	6	1	16
4228	46.8	+42 49	9.5	10.86	05	6	5	..	4507	51.6	+22 17	9.5	10.06	05	4	25	..
4229	46.8	+42 37	9.4	10.19	05	6	5	..	"	"	" "	"	10.10	07	4	3	..
762	47.1	+78 34	7.8	7.97	98	3	2	21	4508	51.7	+22 24	8.1	7.91	05	4	24	..
"	"	" "	"	7.73	09	6	"	45	"	"	" "	"	8.48	05b	3	"	..
4230	47.1	+42 23	8.7	8.80	05	6	5	..	*4649*	51.7	+22 4	8.8	9.60	07	4	3	..
6308	47.1	−20 0	8.2	7.76	09	1	25	..	6103	52.4	−15 36	6.8	7.78	01	3	1	*58*
4231	47.3	+42 59	9.5	10.63	05	6	5	..	4509	52.5	+22 25	9.1	9.79	07	4	3	..
4232	47.4	+43 3	9.1	9.72	05	6	5	..	*4653*	52.5	+22 11	9.1	9.55	07	4	3	..
5027	47.6	+20 48	6.3	6.50	07b	3	12	55	*4716*	52.6	+40 12	9.1	9.44	05	5	1	08
"	"	" "	"	6.61	07c	3	"	44	*18940*	52.6	−29 53	9.8	11.71	02	1	25	..
4549	47.8	+35 6	9.0	9.53	02r	1	10	14	837	52.7	+77 52	8.5	8.66	98	2	2	*09*
"	"	" "	"	9.69	02g	1	"	*02*	"	"	" "	"	8.72	09	6	"	*15*
..	47.9	+42 41	..	11.45	05	9	5	..	4939	52.8	+ 9 59	7.3	7.29	01	1	25	01
4234	48.1	+42 17	8.5	9.82	05	6	5	..	*18942*	52.8	−29 53	9.5	11.46	02	1	25	..
6312	48.1	−20 3	9.5	10.56	99	1	25	..	3740	53.1	+45 21	8.5	8.78	02	10	1	09
4294	48.2	+42 11	9.0	9.08	05	1	5	..	"	"	" "	"	8.85	02g	9	"	02
4296	48.3	+42 11	9.4	9.86	05	6	5	..	*3618*	53.2	+48 12	6.5	6.60	07b	3	12	*25*
..	48.4	+42 40	..	12.31	05	4	5	..	"	"	" "	"	6.33	07c	3	"	02
4793	48.4	+ 0 29	9.5	10.71	01	3	9	..	*838*	53.4	+78 4	8.6	8.60	98	1	25	..
4636	48.7	+25 17	8.5	8.49	05	4	1	*03*	4643	53.4	+ 3 31	9.5	10.70	01	4	9	..
4919	48.9	+ 6 23	6.5	6.02	07b	3	12	56	*3692*	53.6	+50 1	7.7	7.08	99	1	25	49
"	"	" "	"	6.04	07c	3	"	54	4915	53.6	+ 5 32	8.0	8.04	05	4	3	..
..	49.4	+22 29	..	10.67	07	4	3	.	4801	53.7	+ 0 21	9.3	10.26	01	3	9	..
4631	49.5	+ 3 15	9.5	9.98	01	3	9	..	4515	53.9	+22 37	9.3	10.12	07	4	3	..
3974	49.6	+44 59	8.7	9.24	07	3	18	..	5054	53.9	+20 27	7.9	8.48	07	4	1	02
"	"	" "	"	9.10	07b	3	"	..	4778	53.9	+ 4 19	9.5	10.35	01	3	9	..
4664	49.7	+40 13	8.6	9.17	05	6	1	*12*	4518	54.1	+22 30	9.3	10.11	07	4	3	..
..	49.7	+22 32	..	10.56	07	4	3	..	4550	54.3	+29 21	7.4	6.94	08	2	19	*11*
4559	49.7	+ 1 26	9.3	9.14	01	2	9	..	"	"	" "	"	7.00	08b	2	"	*17*
3978	50.0	+45 5	9.2	9.63	07	3	1	14	*4779*	54.3	+ 5 8	9.0	9.09	01	3	1	02
"	"	" "	"	10.01	07b	3	"	*24*	"	"	" "	"	9.22	01g	3	"	*11*
4443	50.4	+ 2 20	9.2	9.28	01	1	25	..	"	"	" "	"	9.04	05	8	3	07
4444	50.4	+ 2 17	9.4	9.86	01	4	9	..	4096	54.4	+43 41	7.5	7.64	05	4	3	*02*
6160	50.4	−14 38	9.0	9.69	01	3	1	12	*18958*	54.4	−29 54	10	12.16	02	1	25	..
4232	50.5	+28 53	8.3	8.34	08	2	19	..	4097	54.5	+43 48	9.2	9.14	05	4	3	..
"	"	" "	"	8.50	08b	2	"	..	4569	54.5	+ 1 24	9.5	9.88	01	3	9	..
..	50.5	+22 20	..	11.44	07	4	3	..	"	"	" "	"	9.32	01g	1	"	..
..	50.7	+22 7	..	10.55	07	4	3	..	*4948*	54.6	+10 7	7.5	7.09	01	3	1	21
6163	50.7	−14 30	7.8	8.11	01	3	1	00	4455	54.6	+ 2 15	9.4	10.16	01	3	9	..
4644	50.8	+21 51	9.1	9.07	07	4	3	..	..	54.9	+43 43	..	10.50	05	4	3	..
6323	50.8	−19 57	9.4	10.34	99	1	25	..	*4009*	55.2	+45 4	9.0	9.36	02	3	1	11
836	50.9	+77 18	7.5	7.80	98	3	2	22	"	"	" "	"	9.51	02g	3	"	*04*
"	"	" "	"	7.75	09	5	"	27	"	"	" "	"	9.44	05	4	"	03
3721	50.9	+45 19	8.1	8.49	02	6	1	*22*	4101	55.2	+43 52	9.1	10.69	05	4	3	..
"	"	" "	"	8.22	02g	6	"	05	4103	55.2	+43 37	9.2	10.26	05	4	3	..
4647	51.1	+22 7	8.8	9.25	07	4	3	..	..	55.2	+ 5 38	..	11.51	05	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4920	21 55.2	+ 5 36	9.3	10.13	05	4	3	..
6187	55.2	−14 38	7.5	8.16	01	3	1	*56*
“	“	“ “	“	7.62	05	3	“	*02*
..	55.4	+43 56	..	10.73	05	4	3	..
..	55.5	+ 5 37	..	12.69	05	4	3	..
4924	55.6	+ 5 29	8.3	8.39	05	4	3	..
6190	55.7	−14 40	8.9	9.20	01	3	1	01
“	“	“ “	“	9.04	05	3	“	17
..	55.8	+43 54	..	12.22	05	2	3·	..
..	55.8	+43 44	..	11.08	05	4	3	..
..	55.8	+ 5 38	..	11.92	05	4	3	..
2010	55.9	+62 13	7.0	5.91	07b	3	12	25
“	“	“ “	“	6.06	07c	3	“	10
2670	56.0	+57 10	6.7	6.67	07b	3	12	*18*
“	“	“ “	“	6.51	07c	3	“	*02*
4105	56.0	+43 43	8.6	9.39	02	9	3	..
“	“	“ “	“	9.49	02g	11	“	..
“	“	“ “	“	9.34	05	4	“	..
..	56.0	+ 5 29	..	11.40	05	4	3	..
6119	56.0	−14 48	7.9	7.80	01	3	1	21
“	“	“ “	“	7.91	05	3	“	10
2443	56.1	+59 50	7.5	7.70	07	3	1	26
“	“	“ “	“	7.29	07b	3	“	67
5064	56.1	+20 16	9.5	10.90	99	2	25	..
..	56.1	+ 5 42	..	10.83	05	4	3	..
4929	56.1	+ 5 22	8.4	8.72	05	4	3	09
4013	56.2	+45 12	8.6	9.02	02	3	1	*05*
“	“	“ “	“	8.95	02g	3	“	02
“	“	“ “	“	8.84	05	4	“	13
4014	56.2	+45 7	8.8	9.38	02	3	1	24
“	“	“ “	“	9.42	02g	3	“	20
“	“	“ “	“	9.48	05	4	“	14
..	56.2	+ 5 38	..	13.72	05	2	3	..
4930	56.3	+ 5 42	9.5	10.70	05	4	3	..
2371	56.6	+58 29	8.5	8.58	07	3	18	..
“	“	“ “	“	8.62	07b	3	“	..
6125	56.8	−14 49	8.5	8.67	01	3	1	29
“	“	“ “	“	9.00	05	3	“	*04*
4698	56.9	+40 14	8.5	8.91	05	6	1	01
2446	57.2	+59 59	8.8	8.77	99	1	25	..
..	57.4	−17 2	..	12.80	01	8	4	..
..	57.4	−17 10	..	12.00	01	6	4	..
2233	57.6	+62 0	7.0	6.67	07b	3	12	*19*
“	“	“ “	“	6.61	07c	3	“	*13*
4845	57.8	+20 3	8.8	9.02	07	4	1	13
4652	57.8	+ 3 15	9.3	9.96	01	3	9	..
..	57.8	−17 9	..	12.22	01	7	4	..
6005	57.9	−16 39	9.0	9.27	01	6	4	..
2768	58.0	+53 19	7.9	8.49	08	2	19	..
“	“	“ “	“	8.30	08b	2	“	..
	h. m.	° ′						
5681	21 58.1	− 2 38	5.3	4.73	03b	3	13	*07*
“	“	“ “	“	4.79	03c	3	“	*13*
6428	58.1	−16 57	9.3	10.60	01	7	4	..
..	58.1	−17 13	..	12.84	01r	8	4	..
4790	58.2	+ 4 23	9.4	10.52	01	3	9	..
4566	58.3	+30 8	8.8	8.93	07	3	18	23
“	“	“ “	“	8.79	07b	3	“	37
6430	58.3	−17 13	10	11.34	01	6	4	..
4791	58.5	+ 4 59	7.3	7.27	05	4	1	22
4576	58.5	+ 1 19	9.5	9.26	01	3	9	..
3771	58.7	+45 44	8.5	9.08	02	7	16	..
4568	58.7	+29 44	7.0	6.92	08	2	19	09
“	“	“ “	“	6.92	08b	2	“	09
4813	58.7	+ 0 30	9.5	9.86	01	4	9	..
4594	58.8	+34 26	9.5	10.15	05	4	4	..
6012	58.8	−16 39	8.0	8.38	01	6	4	..
6133	59.0	−14 56	7.5	7.48	01	2	1	17
4682	59.1	+10 16	9.2	9.54	01	3	1	*27*
4027	59.2	+45 9	8.8	9.13	02	3	1	*51*
“	“	“ “	“	9.16	02g	3	“	*54*
“	“	“ “	“	9.10	05	4	“	*48*
4684	59.2	+10 17	9.1	9.90	01	3	“	*08*
4577	59.2	+ 2 8	9.5	9.34	01	3	9	..
4595	59.6	+34 28	9.4	10.31	05	4	4	..
4686	59.6	+10 17	8.6	8.80	01	3	1	*13*
..	59.7	+34 44	..	11.35	05	4	4	..
3774	59.8	+46 6	8.0	8.83	02	6	16	..
..	59.8	+34 41	..	11.99	05	2	4	..
..	59.9	+46 2	..	12.96	02	6	16	..
..	22 0.0	+45 57	..	12.42	02	7	16	..
..	0.0	+45 54	..	11.07	02	7	16	..
4596	0.0	+34 42	9.1	9.36	05	4	4	..
4816	0.1	+ 1 7	9.2	9.02	07	2	8	22
..	0.2	+46 3	..	11.40	02	5	16	..
..	0.2	+45 58	..	12.08	02	6	16	..
..	0.2	+45 55	..	10.67	02	5	16	..
3777	0.2	+45 52	8.1	8.90	02	8	16	..
“	“	“ “	“	8.81	02g	3	“	..
..	0.2	+34 50	..	10.30	05	4	4	..
4329	0.2	+32 27	7.0	6.32	07b	3	12	07
“	“	“ “	“	6.34	07c	3	“	05
..	0.4	+34 55	..	11.12	05	4	4	..
4331	0.5	+32 49	9.1	10.12	07	4	3	..
4800	0.6	+ 4 34	5.0	5.15	01i	4	1	*25*
“	“	“ “	“	4.84	03b	3	13	06
“	“	“ “	“	5.14	03c	3	“	*24*
4818	0.6	+ 0 19	8.4	8.66	01	5	1	22
“	“	“ “	“	8.64	01g	5	“	24
4246	0.6	− 0 48	2.8	3.06	03c	3	13	13
“	“	“ “	“	3.32	03d	3	“	*13*

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
4332	22	0.7	+32	20	8.7	8.78	07	4	3	..
6139		0.7	−15	23	6.8	7.40	01	2	1	*30*
4947		0.8	+ 5	30	7.5	7.60	05	4	1	01
1802		0.9	+64	8	4.5	4.43	04b	3	13	*03*
"		"	"	"	"	4.31	04c	3	"	09
3785		0.9	+46	4	9.2	9.81	02	6	16	..
..		1.0	+34	55	..	10.12	05	1	4	..
6209		1.0	−14	21	4.5	4.50	03b	2	13	*15*
"		"	"	"	"	4.18	03c	3	"	17
"		"	"	"	"	4.48	03d	1	"	*13*
3790		1.2	+45	58	9.5	10.60	02	1	25	..
3791		1.2	+45	56	9.5	10.59	02	5	16	..
4853		1.2	+20	7	9.0	9.43	07	4	1	*13*
6439		1.2	−17	9	9.0	9.12	01	1	25	..
3574		1.3	+46	16	6.5	6.29	07b	3	12	00
"		"	"	"	"	6.44	07c	3	"	*15*
3792		1.3	+45	59	9.3	9.58	02	5	16	..
3796		1.4	+45	59	9.5	10.39	02	4	16	..
4597		1.4	+34	52	8.5	8.87	05	4	4	..
4598		1.4	+34	26	9.2	9.66	05	4	4	..
..		1.4	+32	59	..	11.12	07	4	3	..
4334		1.4	+32	53	9.2	9.83	07	4	3	..
4854		1.4	+20	10	8.5	8.88	07r	4	1	*03*
6359		1.4	−19	52	9.4	12.21	99	1	25	..
4804		1.6	+ 4	43	7.5	7.55	05	4	1	05
4336		1.7	+32	55	9.5	11.16	07	4	3	..
3799		1.8	+45	48	8.6	9.00	02	5	16	..
4041		1.8	+44	37	7.0	6.25	07b	3	12	17
"		"	"	"	"	6.37	07c	3	"	05
4706		1.8	+35	22	9.2	9.48	05	5	1	04
..		1.8	+32	57	..	11.95	07	4	3	..
..		1.8	+32	50	..	11.22	07	4	3	..
673		1.9	+82	23	7.5	6.89	07b	3	12	*40*
"		"	"	"	"	6.91	07c	3	"	*42*
4337		1.9	+33	7	9.0	9.70	07	4	3	..
4660		1.9	+ 4	12	9.5	11.26	01	3	9	..
4585		1.9	+ 2	7	9.5	10.24	01	3	9	..
4586		1.9	+ 1	25	9.0	8.82	01	3	9	..
3692		2.0	+47	45	6.5	6.15	07b	3	12	01
"		"	"	"	"	6.11	07c	3	"	05
3801		2.0	+45	58	9.0	9.14	02	5	16	..
3105		2.2	+53	8	7.2	7.05	07	3	1	04
"		"	"	"	"	6.85	07b	3	"	24
4533		2.4	+24	51	4.0	4.06	03c	3	13	*10*
"		"	"	"	"	3.93	03d	3	"	03
4823		2.4	+ 0	25	9.5	10.88	01	3	9	..
3802		2.5	+46	1	9.3	9.90	02	3	16	..
4338		2.5	+32	56	9.5	11.19	07	4	3	..
4340		2.5	+33	5	8.8	9.07	07	4	3	..
4723		2.6	+40	18	9.0	9.78	05	4	1	*16*
4930	22	2.7	+18	59	6.1	5.71	07b	3	12	07
"		"	"	"	"	5.47	07c	3	"	31
4696		2.7	+10	16	7.6	7.20	01	3	1	28
4725		2.8	+40	35	9.0	8.86	02	1	25	..
"		"	"	"	"	9.45	02g	1	"	..
4712		2.8	+35	37	7.0	7.90	05	5	1	*18*
4693		2.8	+17	32	6.5	6.30	07b	3	12	13
"		"	"	"	"	6.43	07c	3	"	00
4601		2.9	+35	8	8.0	8.60	05	5	1	02
4987		2.9	+10	8	9.1	9.01	01	3	1	01
"		"	"	"	"	8.97	08	1	"	05
4760		3.1	+12	34	7.5	7.95	01	6	4	*39*
4733		3.1	+12	8	9.5	10.51	01	6	4	..
4664		3.1	+ 3	14	9.5	10.13	01	3	9	..
3112		3.2	+52	39	7.9	8.16	06	4	19	..
"		"	"	"	"	7.87	06b	5	"	..
"		".	"	"	"	7.83	07	3	"	..
"		"	"	"	"	7.64	07b	3	"	..
..		3.3	+11	53	..	12.01	01	6	4	..
4343		3.4	+32	56	8.4	8.60	07	4	3	..
4735		3.6	+12	1	8.9	9.16	01r	5	4	..
4736		3.6	+11	42	8.7	8.74	01	5	4	..
2393		3.8	+58	21	6.7	6.25	07b	3	12	06
"		"	"	".	"	6.46	07c	3	"	*15*
3114		3.8	+52	49	6.2	6.07	07b	3	12	43
"		"	"	"	"	6.18	07c	3	"	32
4827		3.8	+ 1	8	9.5	11.04	07	2	8	..
4828		4.0	+ 1	7	9.1	10.08	07	2	8	..
..		4.0	+ 1	6	..	10.12	07	2	8	..
..		4.2	+12	3	..	12.76	01r	5	4	..
..		4.3	+ 1	9	..	10.14	07	1	8	..
4829		4.3	+ 1	7	8.7	8.70	07	2	8	04
4607		4.4	+35	5	9.0	9.38	05	5	1	24
4767		4.4	+12	28	8.7	8.29	01	5	4	..
4739		4.5	+12	12	9.4	9.88	01	5	4	..
..		4.5	+12	5	..	11.73	01	5	4	..
4809		4.5	+ 4	19	9.5	10.33	01	3	9	..
4811		4.6	+ 5	12	9.0	9.70	01	4	1	*44*
"		"	"	"	"	9.88	01g	4	"	*62*
"		"	"	"	"	9.86	05	4	"	*60*
..		4.7	+11	53	..	11.67	01	7	4	..
..		4.8	+12	12	..	10.63	01	5	4	..
..		4.8	+12	0	..	11.53	01	5	4	..
4741		4.9	+11	57	9.5	9.54	01	5	4	..
4856		5.0	+13	47	9.3	9.63	05	4	4	..
3580		5.1	+50	14	9.0	9.13	09	4	7	14
3582		5.2	+50	17	8.6	8.44	09	4	7	18
4961		5.2	+ 5	42	3.4	3.47	03c	3	13	23
"		"	"	"	"	3.57	03d	3	"	13
4832		5.2	+ 1	8	9.5	10.19	07	2	8	..

DM.	R.A. 1900.		Dec. 1900.		DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h.	m.	°	′						
4744	22	5.4	+14	12	9.2	9.62	05	5	4	..
4352		5.5	+32	41	3.8	4.25	03b	1	13	13
"		"	"	"	"	4.24	03c	1	"	14
"		"	"	"	"	4.06	04c	1	"	32
"		"	"	"	"	4.40	04d	1	"	*02*
4946		5.5	+19	8	7.0	6.04	07b	3	12	03
"		"	"	"	"	6.22	07c	3	"	*15*
4861		5.5	+14	7	6.2	6.33	07b	3	12	08
"		"	"	"	"	6.39	07c	3	"	02
4475		5.5	+ 2	18	9.3	9.34	01	3	9	.
3584		5.6	+50	26	9.3	9.49	09	4	7	..
4833		5.7	+ 0	24	9.5	10.98	01	3	9	..
4614		5.8	+34	43	6.8	6.96	05	4	1	*12*
..		5.8	+ 1	6	..	12.12	07	2	8	..
3819		5.9	+45	22	8.8	9.03	05	4	1	19
4589		5.9	+ 1	23	9.3	9.39	01	3	9	*10*
4623		6.0	+30	19	8.2	7.90	07	4	1	11
4862		6.0	+13	26	8.7	9.02	05	4	4	..
4863		6.4	+14	0	9.5	10.81	05	5	4	..
..		6.5	+14	10	..	11.47	05	1	4	..
3596		6.7	+50	19	8.4	8.34	09	4	7	*37*
4748		6.7	+14	35	9.2	9.28	05r	4	4	..
..		6.7	+14	10	..	12.17	05	5	4	..
4749		6.8	+14	42	9.2	10.13	05	5	4	..
..		6.8	+14	31	..	9.24	05r	4	4	..
..		6.8	+14	9	..	12.07	05	5	4	..
..		6.8	+14	4	..	11.19	05	5	4	..
..		6.8	+14	2	..	12.51	05	5	4	..
6228		6.8	−14	43	8.3	8.47	01	3	1	*16*
"		"	"	"	"	8.42	01g	1	"	*11*
4865		6.9	+13	54	9.5	9.50	05	5	4	..
5097		7.2	+20	27	9.5	9.88	99	1	25	..
4680		7.2	+ 3	22	9.5	9.57	01	3	9	..
..		7.3	+14	5	..	11.04	05	4	4	..
2475		7.4	+57	42	4.1	3.68	04c	3	13	*06*
"		"	"	"	"	3.60	04d	2	"	02
..		7.4	+14	3	..	12.54	05	4	4	..
4635		7.7	+30	18	9.2	9.94	07	4	1	02
1111		7.9	+71	51	5.2	5.00	05c	3	13	*01*
"		"	"	"	"	4.99	05d	3	"	00
..		7.9	+14	7	..	11.46	05	4	4	..
..		7.9	+14	4	..	12.05	05	4	4	..
4869		7.9	+13	24	8.5	8.74	05	4	4	..
4753		8.0	+14	30	8.3	8.50	05	4	4	..
2727		8.2	+56	21	6.0	5.32	04b	1	25	10
"		"	"	"	"	5.33	04c	1	"	09
4755		8.2	+40	15	9.2	9.85	00	1	25	..
5099		8.2	+20	29	9.5	10.29	99	1	25	..
1112		8.3	+71	37	6.7	6.33	07b	3	12	03
"		"	"	"	"	6.40	07c	3	"	*04*
4871	22	8.3	+14	1	9.5	10.80	05	4	4	..
4708		8.4	+10	22	8.2	8.37	01	3	1	*15*
"		"	"	"	"	8.34	08	4	"	*12*
2403		8.5	+58	34	6.3	6.25	07b	3	12	27
"		"	"	"	"	6.42	07c	3	"	10
4647		8.7	+30	20	8.8	9.23	07	4	1	03
4837		8.7	+ 0	23	8.1	7.90	01r	4	1	*08*
"		"	"	"	"	7.83	01g	3	"	*01*
4838		8.7	+ 1	7	8.2	8.16	07	1	8	*02*
4598		8.8	+15	22	9.0	8.58	05	5	1	06
5103		8.9	+20	34	7.8	8.36	99	1	25	*31*
"		"	"	"	"	8.09	07	4	1	*04*
4710		9.0	+10	27	9.0	9.81	01	3	1	06
"		"	"	"	"	9.97	08	4	"	*10*
3615		9.1	+50	19	9.0	9.02	02	4	1	22
"		"	"	"	"	9.24	02g	4	"	00
"		"	"	"	"	9.29	09	4	"	*05*
3616		9.1	+50	41	8.0	8.14	09	4	7	..
..		9.1	+ 1	6	..	11.33	07	2	8	..
4611		9.2	+30	7	8.7	8.96	07	4	1	05
2048		9.3	+62	48	6.5	5.73	07b	1	25	33
"		"	"	"	"	6.16	07c	1	"	*10*
3143		9.3	+52	25	8.2	8.64	08	2	19	..
"		"	"	"	"	8.56	08b	2	"	..
4757		9.3	+12	11	8.7	8.70	06	2	25	..
4595		9.5	+ 2	12	9.5	9.78	01	3	9	..
3146		9.6	+52	39	7.1	7.78	08	2	1	*18*
"		"	"	"	"	7.78	08b	2	"	*18*
4711		9.6	+39	13	4.9	4.73	03b	1	13	*09*
"		"	"	"	"	4.76	03c	1	"	*12*
"		"	"	"	"	4.63	04b	1	"	01
"		"	"	"	"	4.68	04c	2	"	*04*
"		"	"	"	"	4.48	04d	1	"	16
4760		9.6	+12	10	9.5	12.58	06	3	25	..
2409		9.7	+58	48	7.5	7.31	07b	1	25	*08*
..		9.7	+ 1	7	..	11.90	07	2	8	..
4827		9.8	+ 4	24	9.3	10.22	01	3	9	..
4839		9.9	+ 0	19	9.5	10.77	01	3	9	..
4655		10.0	+30	17	8.9	9.80	07	4	1	*33*
4600		10.0	+15	19	9.1	9.41	05	5	1	*07*
4481		10.1	+ 3	12	9.5	10.36	01	3	9	..
4840		10.2	+ 1	10	9.5	11.49	01	3	9	..
"		"	"	"	"	11.42	07	2	8	..
4841		10.2	+ 1	6	9.2	9.79	07	2	8	..
4716		10.3	+10	20	9.2	9.39	01	3	1	08
"		"	"	"	"	9.42	08	4	"	05
4717		10.4	+10	21	9.1	9.34	01	3	1	*02*
"		"	"	"	"	9.15	08	4	"	17
3782		10.5	+49	22	8.5	8.40	02	6	16	..
6174		10.6	−14	56	8.0	8.07	07	3	18	*02*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	22 10.6	−14 56	8.0	8.06	07b	3	18	*01*	A	22 12.5	+50 30	7.3	8.09	02g	4	1	08
2053	10.7	+62 40	7.0	6.13	07b	3	12	08	..	12.5	−21 38	..	11.86	05	4	3	..
“	“	“ “	“	5.97	07c	3	“	24	5801	12.6	−11 11	9.8	10.96	05	4	17	..
3784	10.8	+49 21	8.7	8.53	02	6	16	..	4845	12.7	+ 1 2	9.2	10.08	07	2	8	..
4790	10.8	+12 27	9.1	9.16	08	4	20	..	2746	12.8	+56 43	6.5	5.87	07b	3	12	18
3625	10.9	+50 17	9.0	8.77	02	3	1	15	“	“	“ “	“	5.90	07c	3	“	15
“	“	“ “	“	9.23	02g	4	“	*31*	*4768*	12.8	+15 12	8.7	9.07	05	5	1	*13*
“	“	“ “	“	8.80	09	4	“	12	“	“	“ “	“	9.02	07	3	18	*08*
3786	11.0	+49 17	9.0	8.90	02	6	16	..	“	“	“ “	“	9.06	07b	3	“	*12*
4834	11.0	+ 8 3	7.0	6.39	07b	3	12	*36*	..	12.8	−21 25	..	10.68	05	4	3	..
“	“	“ “	“	6.20	07c	3	“	*17*	..	12.9	+55 7	..	10.96	05	8	24	..
3788	11.1	+49 22	9.3	9.08	02	6	16	..	4693	12.9	+ 3 24	9.5	10.61	01	3	9	..
“	“	“ “	“	9.08	02g	4	“	..	17361	12.9	−23 50	7.2	7.60	07b	1	25	*35*
..	11.1	+49 21	..	10.98	02	7	16	..	“	“	“ “	“	7.98	07c	1	“	*73*
..	11.2	+49 23	..	10.16	02	6	16	..	*4848*	13.0	+ 1 8	8.8	9.54	07	3	8	*10*
..	11.2	+49 21	..	11.54	02	6	16	..	4333	13.0	− 0 45	7.0	6.46	07b	3	12	*10*
2741	11.3	+56 33	5.1	4.29	04c	2	13	*06*	“	“	“ “	“	6.43	07c	3	“	*07*
“	“	“ “	“	4.26	04d	2	“	*03*	6193	13.0	−21 30	8.6	8.72	05	4	3	*40*
..	11.3	+49 29	..	11.79	02	6	16	..	6194	13.0	−21 4	9.3	9.60	05	4	3	..
..	11.3	+49 26	..	11.69	02	7	16	..	4771	13.1	+11 55	8.7	8.54	08	4	20	..
3789	11.3	+49 15	9.4	10.48	02	6	16	..	6197	13.1	−21 14	7.7	7.29	05	4	3	..
4792	11.3	+12 15	9.5	9.64	08	4	20	..	3800	13.3	+49 16	8.5	8.61	02	6	16	..
..	11.4	+49 23	..	12.09	02	6	16	..	*4632*	13.3	+30 6	8.8	9.36	04	1	1	*05*
5726	11.4	− 2 6	6.3	6.26	07b	3	12	*17*	4489	13.3	+ 2 13	9.5	9.85	01	3	9	..
“	“	“ “	“	6.31	07c	3	“	*22*	3648	13.4	+50 18	8.2	8.40	02	3	1	*05*
17344	11.4	−23 39	6.7	6.79	07	1	12	*43*	..	“	“ “	“	8.54	02g	3	“	*19*
“	“	“ “	“	6.37	07b	2	“	*01*	4850	13.4	+ 0 22	8.5	8.63	01	3	1	15
“	“	“ “	“	6.68	07c	2	“	*32*	“	“	“ “	“	8.63	01g	3	“	15
3792	11.5	+49 54	8.0	7.94	02	6	16	..	*3803*	13.5	+50 4	8.5	8.60	02	3	1	27
..	11.5	+49 28	..	12.05	02	6	16	..	“	“	“ “	“	8.90	02g	3	“	*03*
3793	11.5	+49 19	9.5	10.12	02	6	16	..	4803	13.8	+12 26	8.5	8.28	08	4	20	..
5109	11.5	+20 31	9.5	9.91	99	1	25	..	4840	13.8	+ 4 34	9.4	10.17	01	3	9	..
4526	11.6	+37 15	4.8	4.31	03b	1	13	*09*	5851	13.9	− 8 19	8.6	8.54	07	4	3	..
“	“	“ “	“	4.51	03c	1	“	*29*	6200	13.9	−21 18	9.5	10.30	05	4	3	..
“	“	“ “	“	4.26	04c	2	“	*04*	..	13.9	−21 20	..	12.44	05	4	3	..
“	“	“ “	“	4.24	04d	2	“	*02*	..	14.1	+ 1 4	..	11.57	07	2	8	..
5845	11.6	− 8 17	4.0	4.22	03b	2	13	10	..	14.1	−10 31	..	11.57	05	4	17	..
“	“	“ “	“	4.41	03c	3	“	*09*	5123	14.2	+20 19	9.3	9.96	00	1	25	..
“	“	“ “	“	4.62	03d	1	“	*30*	..	14.2	+ 1 3	..	11.78	07	2	8	..
4793	11.8	+12 27	7.5	7.50	08	4	20	04	6203	14.3	−21 21	9.8	10.92	05	4	3	..
4288	11.9	+27 18	6.6	6.22	07b	3	12	21	4776	14.5	+11 57	8.0	8.10	08	4	20	..
“	“	“ “	“	6.50	07c	3	“	*07*	5854	14.5	− 8 11	9.0	8.89	07	4	3	..
3796	12.0	+49 24	9.1	8.85	02	7	16	..	4537	14.6	+37 15	6.5	6.16	07b	3	12	*05*
4794	12.0	+12 28	9.0	9.06	08	4	20	..	“	“	“ “	“	6.05	07c	3	“	06
3797	12.1	+49 26	9.3	8.85	02	6	16	..	*4772*	14.6	+15 3	7.0	6.94	05	5	1	25
5111	12.2	+20 35	9.4	10.02	99	1	25	..	4854	14.9	+ 0 14	9.5	11.05	01	3	9	..
4796	12.2	+13 4	8.6	8.55	08	4	20	..	4602	15.0	+ 1 13	9.3	9.42	01	3	9	..
4797	12.2	+12 23	7.0	6.97	08	4	20	*03*	2721	15.1	+55 37	8.9	8.96	05	3	24	..
..	12.3	−21 32	..	11.43	05	4	3	..	“	“	“ “	“	9.00	05b	3	“	..
3638	12.5	+50 30	7.8	8.10	02	3	1	07	4622	15.1	+15 19	9.0	9.19	05b	5	1	*10*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4782	22 15.3	+40 22	9.5	10.26	99	1	25	..
4853	15.9	+ 7 41	7.0	6.39	07b	3	12	*22*
"	"	" "	"	6.26	07c	3	"	*09*
..	16.0	− 8 10	..	9.75	07r	3	3	..
5857	16.0	− 8 11	9.0	11.47	07	4	3	..
4846	16.3	+ 5 13	8.5	8.52	01	4	1	*16*
"	"	" "	"	8.33	01g	4	"	03
5898	16.3	−22 26	9.9	11.06	05	4	3	..
4410	16.4	+26 26	6.5	6.51	07b	3	12	*01*
"	"	" "	"	6.69	07c	3	"	*19*
..	16.4	− 8 0	..	11.89	07	4	3	..
5893	16.4	−10 25	9.1	10.30	05	4	17	..
5741	16.5	− 1 53	4.0	3.75	03c	3	13	22
"	"	" "	"	3.84	03d	3	"	13
..	16.5	− 7 58	..	12.53	07	4	3	..
4784	16.6	+11 42	5.5	4.91	03b	3	13	02
"	"	" "	"	4.78	03c	3	"	15
6411	16.6	−19 57	7.3	8.06	05	4	1	*16*
2740	16.7	+55 11	8.3	8.16	05	4	1	00
"	"	" "	"	8.05	05b	3	"	11
"	"	" "	"	8.21	08	4	"	*05*
4299	16.7	+27 50	5.0	4.99	03b	3	13	*11*
"	"	" "	"	4.88	03c	3	"	00
5859	16.7	− 8 4	9.5	10.92	07	4	3	..
..	16.8	− 8 10	..	11.77	07	4	3	..
..	16.8	−22 37	..	12.62	05	4	3	..
3894	16.9	+46 2	5.0	4.48	04b	2	13	18
"	"	" "	"	4.54	04c	2	"	12
"	"	" "	"	4.55	05c	1	"	11
"	"	" "	"	4.59	05d	1	"	07
5861	17.0	− 7 59	9.0	9.52	07	4	3	..
..	17.0	− 8 9	..	12.92	07	4	3	..
4864	17.1	+ 1 8	9.3	9.89	01	3	9	..
..	17.1	−22 36	..	12.44	05	4	3	..
6414	17.2	−19 51	8.7	8.72	05	4	1	21
5899	17.2	−22 41	9.0	9.78	05	4	3	..
2729	17.3	+55 30	7.8	8.06	08	4	1	*17*
5862	17.3	− 7 58	9.0	9.22	07	4	3	..
5863	17.4	− 8 10	9.2	9.56	07	4	3	..
..	17.5	− 8 11	..	11.45	07	4	3	..
4469	17.6	+41 36	6.5	6.28	07b	3	12	*01*
"	"	" "	"	6.31	07c	3	"	*04*
..	17.6	+33 55	..	12.01	05	4	4	..
4485	17.6	+33 39	9.1	9.89	05	4	4	..
4486	17.6	+33 44	9.4	10.51	05	4	4	..
4848	17.6	+ 4 19	9.5	11.12	01	2	9	..
..	17.7	+33 53	..	11.46	05	4	4	..
..	17.8	+33 46	..	11.46	05	4	4	..
2749	17.9	+55 10	9.1	9.28	08	4	1	18
4490	17.9	+34 1	9.1	9.74	05	4	4	..
..	22 17.9	−22 29	..	13.07	05	1	3	..
..	18.0	−22 36	..	12.76	05	5	3	..
4695	18.1	+30 15	7.5	8.08	04	1	1	*07*
4866	18.1	+ 0 40	9.3	10.58	01r	2	9	..
15872	18.2	−22 37	9.9	11.73	05	5	3	..
2750	18.3	+55 6	8.5	8.34	08	4	1	07
457	18.3	−22 48	9.8	10.85	05r	4	3	..
..	18.4	+33 49	..	10.33	05	4	4	..
4502	18.4	+ 2 23	9.3	9.66	01	3	9	..
5903	18.4	−22 25	9.0	9.88	05	4	3	..
15876	18.4	−22 38	10	12.30	05r	5	3	..
4818	18.5	+39 43	9.3	9.48	99	1	25	..
4492	18.5	+34 11	9.4	10.00	05	5	4	..
4819	18.7	+39 51	9.0	9.26	99	2	25	..
..	18.9	+33 51	..	10.82	05	4	4	..
..	18.9	+33 48	..	10.98	05	4	4	..
4700	18.9	+ 3 36	9.3	9.66	01	3	9	..
4912	19.0	+20 4	8.9	10.06	99	3	25	..
17416	19.0	−22 53	9.6	10.74	05	4	3	..
..	19.1	+33 45	..	11.76	05	4	4	..
4648	19.1	+29 55	8.6	7.92	04	4	4	..
4822	19.2	+40 5	8.7	8.56	01	4	1	11
2765	19.3	+56 47	6.7	6.32	07b	3	12	*13*
"	"	" "	"	6.19	07c	3	"	00
5906	19.4	−22 42	9.7	10.95	05	4	3	..
4560	19.5	+38 4	6.8	6.19	07b	3	12	01
"	"	" "	"	6.19	07c	3	"	01
5908	19.5	− 9 56	8.5	8.50	07	4	1	36
2291	19.6	+61 55	6.5	6.27	07b	3	12	*26*
"	"	" "	"	5.98	07c	3	"	03
3358	19.6	+51 44	4.7	4.61	04b	1	13	*03*
"	"	" "	"	4.44	04c	2	"	14
"	"	" "	"	4.52	04d	1	"	06
"	"	" "	"	4.75	05c	1	"	*17*
"	"	" "	"	4.66	05d	1	"	*08*
4496	19.6	+34 5	8.3	8.75	05	4	4	..
4497	19.7	+33 54	8.5	9.00	05	4	4	..
..	19.9	+50 30	..	10.53	05	6	25	..
..	19.9	+50 28	..	11.12	05	12	24	..
4652	20.0	+29 55	8.9	8.71	04	4	4	..
"	"	" "	"	9.30	06	2	17	..
"	"	" "	"	9.38	06b	2	"	..
4675	20.2	+35 5	8.7	9.21	05	4	1	*09*
4872	20.2	+ 0 52	4.5	4.55	01i	3	1	09
"	"	" "	"	4.68	03b	3	13	*04*
"	"	" "	"	4.65	03c	3	"	*01*
4653	20.3	+29 58	9.2	8.70	04	4	4	..
"	"	" "	"	9.12	07	4	"	..
4291	20.3	− 1 1	9.5	10.76	05	3	17	..
"	"	" "	"	10.87	05b	1	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3715	22 20.4	+48 58	5.0	4.64	04b	1	13	00	2535	22 23.6	+57 20	9.1	9.53	08	4	20	..
“	“	“ “	“	4.90	04c	2	“	*26*	..	23.7	+55 46	..	10.95	05	8	24	..
“	“	“ “	“	4.49	04d	1	“	15	4365	23.7	− 0 32	3.3	3.81	03c	3	13	*06*
“	“	“ “	“	4.58	05c	1	“	06		23.7	− 0 32						
“	“	“ “	“	4.68	05d	1	“	*04*	“	“	“ “	“	3.75	03d	3	“	00
..	20.4	+30 5	..	10.50	04	4	4	..	..	23.9	+17 29	..	11.29	07	12	25	..
4292	20.6	− 1 20	8.8	9.41	05	3	17	..	4850	24.1	+39 23	8.5	8.82	01	6	3	..
“	“	“ “	“	9.31	05b	1	“	..	..	24.3	+39 47	..	12.43	01	7	3	..
4655	20.7	+30 4	9.1	9.20	04	4	4	..	*4673*	24.3	+30 8	8.3	8.72	04	1	1	09
“	“	“ “	“	9.79	07	4	“	..	“	“	“ “	“	8.83	07	4	“	*02*
..	20.8	+29 55	..	12.22	04	4	4	..	*2783*	24.5	+57 12	9.0	9.43	08	4	20	..
..	20.8	+29 52	..	11.01	04	4	4	..	..	24.5	+39 46	..	11.57	01	7	3	..
..	20.8	+29 49	..	11.39	04	4	4	..	4512	24.5	+ 2 32	9.5	10.44	01	1	25	..
..	20.9	+29 56	..	10.82	04	4	4	..	4615	24.5	+ 1 44	9.5	10.26	01	3	9	..
..	20.9	+29 55	..	11.31	04	5	4	..	1669	24.6	+64 33	9.5	10.90	05	4	25	..
4746	20.9	+17 57	6.7	6.18	07b	3	12	22	..	24.6	+64 24	..	11.02	05	2	25	..
“	“	“ “	“	6.37	07c	3	“	03	*4860*	24.6	+ 5 9	8.6	8.55	01	3	1	11
4611	21.0	+ 1 30	9.3	9.78	01	3	9	..	“	“	“ “	“	8.72	01g	2	“	*06*
4680	21.1	+35 12	9.0	9.53	05	4	1	*06*	6204	24.6	−13 25	7.0	6.55	07b	3	12	*34*
2773	21.2	+57 0	9.5	10.14	08	3	20	..	“	“	“ “	“	6.59	07c	3	“	*38*
..	21.2	+29 51	..	11.79	04	4	4	..	..	24.8	+64 23	..	10.54	05	8	24	..
4659	21.3	+30 0	8.8	8.99	04	4	4	..	4513	24.9	+ 2 26	9.5	12.08	01	1	9	..
“	“	“ “	“	9.47	07	4	“	..	1770	25.0	+65 56	9.0	9.51	05	6	24	..
4856	21.4	+ 4 25	9.5	10.35	01	3	9	..	“	“	“ “	“	9.96	05b	2	“	..
4294	21.4	− 1 3	8.3	8.40	05	2	17	..	1852	25.0	+63 34	6.5	5.94	07b	4	12	44
“	“	“ “	“	8.38	05b	2	“	..	“	“	“ “	“	6.38	07c	4	“	00
..	21.5	+29 59	..	10.42	04	4	4	..	4829	25.0	+40 36	8.5	8.54	01	1	25	..
..	21.5	+29 58	..	11.26	07	4	4	..	..	25.0	+39 46	..	11.06	01	6	3	..
6427	21.6	−19 51	8.5	8.23	05	8	1	30	4853	25.2	+39 50	9.4	9.88	01	6	3	..
4359	21.7	+ 0 12	9.0	9.01	05	4	1	32	4885	25.2	+ 0 18	9.0	9.41	01	5	1	12
4684	21.8	+35 12	8.7	9.04	05	4	1	13	“	“	“ “	“	9.41	01g	5	“	12
6428	21.8	−19 46	9.0	9.25	05	8	1	*12*	2545	25.3	+57 32	9.0	9.94	08	4	20	..
2773	21.9	+55 11	8.5	8.56	08	4	1	00	4715	25.3	+ 3 30	9.3	10.77	01	3	9	..
4661	21.9	+30 6	9.5	11.06	07	4	4	..	2787	25.4	+56 42	8.4	8.46	08	4	20	..
4874	22.0	+ 0 44	9.5	10.42	01	3	9	..	*3719*	25.4	+47 11	4.8	4.60	04b	2	13	01
4835	22.3	+40 10	9.0	9.22	01	8	3	10	“	“	“ “	“	4.89	04c	2	“	*28*
4707	22.3	+ 3 32	9.3	9.56	01	3	9	..	“	“	“ “	“	4.35	05c	1	“	26
2532	22.4	+57 30	8.8	9.30	08	4	20	..	“	“	“ “	“	4.92	05d	1	“	*31*
4837	22.4	+40 3	8.2	8.47	01	7	3	..	4865	25.4	+ 4 19	9.5	10.85	01	2	9	..
4835	22.4	+36 57	6.5	6.46	07b	4	12	*07*	4866	25.4	+ 4 15	9.2	10.00	01	1	25	..
“	“	“ “	“	6.18	07c	4	“	21	5850	25.4	−11 11	4.8	4.82	03b	2	13	07
4667	22.6	+30 14	8.0	8.48	04	1	1	03	“	“	“ “	“	4.92	03c	2	“	*03*
“	“	“ “	“	8.56	07	4	“	*05*	6291	25.5	−19 42	8.7	9.03	05	4	1	00
4507	22.6	+ 2 24	9.3	10.18	01	3	9	..	*2788*	25.6	+57 13	8.5	8.50	08	4	20	..
860	22.8	+77 44	6.8	6.83	07b	3	12	*33*	..	25.6	+40 0	..	11.02	01	7	3	..
“	“	“ “	“	6.80	07c	3	“	*30*	1772	25.7	+65 52	9.5	10.76	05	4	24	..
4710	22.8	+ 4 12	4.8	4.97	01i	3	1	*04*	..	25.7	+39 43	..	11.56	01	6	3	..
“	“	“ “	“	4.81	03b	3	13	12	*4886*	25.7	+ 1 13	8.8	9.37	07	3	8	17
“	“	“ “	“	5.09	03c	3	“	*16*	1139	25.8	+71 44	8.2	8.53	08	4	19	..
2778	23.4	+56 59	8.5	9.06	08	4	20	..	..	25.8	+39 49	..	12.08	01	7	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
3747	22 25.9	+48 51	7.0	6.48	07b	3	12	04	2558	22 29.3	+57 58	8.7	8.51	01	6	7	..
“	“	“ “	“	6.53	07c	3	“	*01*	6007	29.3	− 9 39	9.0	9.57	07	4	1	*21*
4835	25.9	+40 28	7.0	7.55	01	2	1	*08*	4729	29.4	+ 3 22	9.5	10.61	01	3	9	..
“	“	“ “	“	7.33	01g	2	“	14	*4883*	30.0	+40 8	8.7	8.41	01	4	1	29
4420	26.1	+42 36	5.0	4.64	03b	2	13	*10*	4854	30.1	+40 16	7.2	7.26	01	2	1	*26*
“	“	“ “	“	4.35	03c	2	“	19	“	“	“ “	“	7.09	01g	2	“	*09*
“	“	“ “	“	4.52	04c	1	“	02	4384	30.2	− 0 38	3.9	3.93	03c	3	13	20
“	“	“ “	“	4.54	04d	1	“	00	“	“	“ “	“	4.08	03d	4	“	05
..	26.1	+40 6	..	10.36	01	6	3	..	*4886*	30.4	+40 12	8.3	8.60	00	4	1	*20*
4856	26.1	+39 41	8.0	8.19	01	6	3	..	“	“	“ “	“	8.44	01	4	“	*04*
5460	26.1	− 3 25	6.3	6.06	07b	3	12	23	2561	30.5	+57 42	9.3	9.69	01	6	7	..
“	“	“ “	“	6.37	07c	3	“	*08*	4527	30.5	+ 2 22	9.5	10.56	01r	2	9	..
4858	26.4	+39 36	8.8	8.86	01	6	3	..	4746	30.6	+30 23	9.0	9.08	07	4	1	08
4859	26.4	+39 55	9.5	10.48	01	6	3	..	4897	30.7	+ 0 48	9.3	9.99	01	3	9	..
5855	26.4	−11 25	6.8	6.18	03b	1	25	21	2562	30.8	+57 39	7.5	6.92	09	4	7	57
“	“	“ “	“	6.57	03c	1	“	*18*	*4781*	31.6	+11 11	7.2	6.64	07b	2	12	*24*
“	“	“ “	“	6.53	07b	3	12	*14*	“	“	“ “	“	6.47	07c	2	“	*07*
“	“	“ “	“	6.51	07c	3	“	*12*	2565	31.9	+57 45	9.5	11.18	01	12	7	..
2794	26.5	+56 43	7.1	6.47	09	1	7	26	*4838*	32.1	+12 4	6.8	6.38	07b	3	12	15
4860	26.5	+40 14	7.5	8.09	01	7	3	08	“	“	“ “	“	6.48	07c	3	“	05
2549	26.6	+57 30	9.0	9.01	08	4	20	..	4329	32.3	− 1 45	9.0	9.84	05	4	1	*02*
4888	26.6	+ 0 40	9.5	10.14	01	2	9	..	2566	32.5	+57 28	9.2	9.30	01	6	7	..
2797	27.0	+56 55	9.0	8.98	08	4	20	..	..	32.5	+ 1 11	..	10.89	07	2	8	..
..	27.0	+39 38	..	9.65	01	6	3	..	*2569*	32.7	+58 5	8.8	8.90	01	6	7	..
4681	27.0	+30 4	8.3	8.89	04	1	1	02	2818	32.9	+56 23	8.9	9.00	05	4	24	..
“	“	“ “	“	8.97	07	4	“	*06*	“	“	“ “	“	8.83	05b	4	“	..
4389	27.0	+29 2	6.7	6.46	07b	3	12	*14*	4861	33.0	+40 16	9.2	9.88	99	2	25	..
“	“	“ “	“	6.27	07c	3	“	05	*2570*	33.1	+58 3	9.5	10.54	01	12	7	..
3875	27.2	+49 46	4.0	3.90	03c	2	13	*05*	5912	33.1	− 8 25	6.8	6.43	07b	3	12	*08*
“	“	“ “	“	3.74	03d	2	“	11	“	“	“ “	“	6.54	07c	3	“	*19*
“	“	“ “	“	4.02	04c	1	“	*17*	*3770*	33.2	+51 1	5.5	4.85	04b	3	13	*02*
“	“	“ “	“	4.02	04d	1	“	*17*	“	“	“ “	“	4.86	04c	3	“	*03*
4729	27.4	+30 18	8.8	9.36	07	4	1	05	..	33.3	+ 1 6	..	10.49	07	2	8	..
4867	27.5	+40 8	9.1	9.62	01	6	3	..	*4886*	33.4	+ 5 10	9.0	9.92	01	3	1	*01*
4890	27.5	+ 1 4	8.1	7.82	07	2	8	22	“	“	“ “	“	10.27	01g	3	“	*36*
4831	27.7	+35 20	9.2	9.31	05	4	1	16	4902	33.5	+ 0 41	9.3	9.60	01	3	9	..
5943	27.7	− 9 47	9.0	9.62	07	4	1	04	4887	33.6	+ 4 26	9.3	9.71	01	3	9	...
6446	27.7	−19 54	8.3	9.05	05	8	1	*22*	4538	33.6	+ 2 35	9.5	10.90	01	3	9	..
..	27.8	+40 5	..	9.96	01	6	3	..	4866	33.7	+40 36	7.1	7.58	01	2	1	*16*
4833	27.9	+35 21	9.3	9.84	05	4	1	*12*	“	“	“ “	“	7.50	01g	2	“	*08*
6000	27.9	− 9 43	9.0	9.42	07	4	1	*26*	4744	33.7	+ 3 40	9.4	10.61	01	3	9	..
6448	27.9	−19 46	9.2	9.78	05	4	1	*05*	*2571*	33.8	+58 7	8.1	8.28	01	6	7	..
4870	28.0	+40 6	8.2	8.20	01	8	3	*26*	“	“	“ “	“	8.04	09	4	“	..
4624	28.3	+ 1 35	9.3	9.94	01	3	9	..	..	33.8	+ 1 5	..	12.52	07	2	8	..
2910	28.4	+53 31	6.5	6.41	07b	3	12	06	*4903*	33.9	+ 1 8	9.3	9.86	07	2	8	..
“	“	“ “	“	6.48	07c	3	“	*01*	*2574*	34.2	+58 8	8.4	8.51	01	6	7	..
4845	28.4	+40 19	8.8	8.81	01	4	1	13	“	“	“ “	“	8.26	09	4	“	..
4872	28.6	+ 4 37	9.5	10.99	01	3	9	..	*2552*	34.4	+60 7	8.2	8.74	10	4	1	*03*
2450	28.8	+58 31	8.0	8.54	01	6	7	..	4870	34.4	+40 15	9.5	8.92	99	1	25	..
5948	29.1	− 9 49	8.5	8.59	07	4	1	07	..	34.6	+ 1 7	..	12.04	07	2	8	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
1691	22 34.7	+64 14	9.5	10.13	10	4	7	..	4670	22 38.4	+37 17	6.5	6.21	07b	3	12	01
2421	34.8	+60 15	8.7	9.08	10	4	1	*12*	“	“	“ “	“	6.20	07c	3	“	02
4871	34.8	+40 23	8.6	8.75	00	3	1	17	4641	38.4	+ 1 34	9.2	9.60	01	1	25	..
4826	34.8	+38 32	5.0	4.97	03b	3	13	*06*	..	38.4	+ 1 6	..	12.40	07	2	8	..
“	“	“ “	“	4.69	03c	3	“	22	2839	38.5	+56 29	8.8	8.90	09	5	7	..
4638	34.9	+ 1 47	9.3	9.83	01	3	9	..	4913	38.5	+ 0 17	9.3	9.85	01	3	9	..
1873	35.0	+64 1	9.1	9.49	10	4	7	..	4587	38.6	+41 58	9.5	10.00	01	6	4	..
2577	35.0	+58 7	9.4	9.84	01	6	7	..	..	38.6	+41 54	..	12.40	00	8	4	..
..	35.0	+ 1 6	..	12.05	07	2	8	..	3803	38.7	+46 38	6.5	6.37	07b	3	12	05
4193	35.5	+45 4	8.5	8.76	00	3	1	*04*	“	“	“ “	“	6.39	07c	3	“	03
4906	35.7	+ 1 9	9.0	9.43	07	2	8	*14*	*4914*	38.7	+ 1 11	9.5	10.77	07	2	8	..
1875	35.8	+64 7	9.5	11.31	10	4	7	..	..	38.8	+42 6	..	11.33	01	6	4	..
2825	35.8	+56 52	8.5	8.34	09	4	7	..	*4209*	38.9	+45 1	8.3	7.98	05	12	11	..
4908	35.9	+ 1 2	9.5	10.50	07	2	8	..	*4210*	38.9	+45 13	9.0	9.43	00	3	1	*06*
4266	36.1	+43 46	4.8	4.54	03b	3	13	10	“	“	“ “	“	9.27	05	3	“	10
“	“	“ “	“	4.67	03c	2	“	*03*	“	“	“ “	“	9.38	05b	3	“	*01*
“	“	“ “	“	4.63	04b	1	“	01	“	“	“ “	“	9.28	06	3	“	09
“	“	“ “	“	4.55	04c	1	“	09	“	“	“ “	“	9.51	06b	3	“	*14*
4797	36.5	+10 19	3.5	3.53	03c	3	13	08	4212	38.9	+44 43	8.8	9.02	05	3	11	..
“	“	“ “	“	3.55	03d	3	“	06	..	38.9	+ 1 11	..	10.80	07	2	8	..
4892	36.6	+ 4 16	9.3	9.57	01	3	9	..	4765	39.0	+ 3 38	9.4	9.84	01	3	9	..
2555	36.8	+60 10	8.9	9.43	10	4	1	18	4213	39.1	+44 39	9.5	10.10	05	1	11	..
4436	37.0	+28 48	4.5	4.87	03b	3	13	*02*	6328	39.1	−19 37	9.2	9.46	00	3	1	*03*
“	“	“ “	“	4.77	03c	3	“	08	4591	39.2	+41 54	9.3	9.69	01	6	4	..
1698	37.1	+64 45	8.5	8.37	10	4	7	..	..	39.2	+41 48	..	12.35	00	7	4	..
4884	37.1	+40 22	8.9	9.20	00	3	1	07	4592	39.3	+41 42	9.4	10.40	01	6	4	..
4582	37.2	+41 54	8.2	8.43	01	6	4	07	..	39.4	+45 8	..	12.03	05	6	11	..
4549	37.2	+ 2 51	9.5	10.15	01	3	9	..	..	39.4	+44 58	..	12.02	05	6	11	..
1699	37.3	+64 42	8.8	8.85	10	4	7	..	..	39.4	+41 39	..	12.39	00	7	4	..
4911	37.3	+ 0 15	8.4	8.48	01	4	1	00	*4918*	39.4	+ 1 10	8.9	8.93	07	2	8	*09*
“	“	“ “	“	8.40	01g	4	“	08	4035	39.5	+45 23	9.0	9.61	00	3	1	*29*
“	“	“ “	“	8.66	07	3	18	*18*	“	“	“ “	“	9.43	05	3	“	*11*
“	“	“ “	“	8.66	07b	3	“	*18*	“	“	“ “	“	9.43	05b	3	“	*11*
2832	37.6	+56 24	9.4	9.14	09	4	7	..	“	“	“ “	“	9.51	06	3	“	*19*
..	37.6	+ 1 12	..	11.30	07	2	8	..	“	“	“ “	“	9.35	06b	3	“	*03*
4583	37.7	+41 53	7.5	7.89	01r	5	4	11	4593	39.5	+41 48	8.9	9.08	01	6	4	16
6038	37.8	− 8 50	7.0	6.60	07b	3	12	*11*	4214	39.6	+44 38	9.4	9.31	05	6	11	..
“	“	“ “	“	6.69	07c	3	“	*20*	..	39.8	+45 10	..	11.26	05	6	11	..
2429	37.9	+61 1	9.5	10.80	05	4	25	..	4215	39.9	+44 29	9.1	9.49	05	6	11	..
4202	38.0	+45 0	9.3	9.67	05	6	11	..	4597	40.1	+41 32	8.5	8.89	01	6	4	..
..	38.0	+ 1 11	..	12.74	07	2	8	..	4216	40.2	+44 41	9.5	9.62	05	6	11	..
..	38.1	+41 56	..	10.75	01	8	4	..	..	40.2	+42 1	..	11.76	00	7	4	..
4640	38.1	+ 1 33	9.2	9.52	01	2	9	..	..	40.2	+41 56	..	12.50	00	8	4	..
“	“	“ “	“	9.56	01g	2	“	..	*4811*	40.2	+11 10	7.9	7.70	08	2	19	..
2834	38.2	+56 33	9.0	9.12	09	4	7	..	“	“	“ “	“	7.48	08b	2	“	..
6324	38.2	−19 21	5.1	4.89	03b	3	13	*01*	*4411*	40.2	+ 0 10	9.5	10.26	01	3	9	..
“	“	“ “	“	5.23	03c	3	“	*35*	4345	40.2	− 1 42	8.2	8.36	05	4	1	*29*
4741	38.3	+29 42	3.2	3.15	03c	3	13	*05*	*2432*	40.4	+61 12	8.9	8.65	05	4	24	..
“	“	“ “	“	3.27	03d	3	“	*17*	“	“	“ “	“	9.15	05b	4	“	..
..	38.4	+42 3	..	11.58	01	7	4	..	..	40.4	+45 8	..	12.58	05	6	11	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
2800	22 40.5	+55 20	8.3	8.30	09	4	1	*19*	A	22 44.3	−14 7	4.0	4.44	03d	3	13	*23*
..	40.6	+45 8	..	11.26	05	6	11	..	2815	44.5	+55 47	8.7	8.52	05	6	5	..
3460	40.7	+51 59	7.0	6.53	07b	3	12	13	2865	44.5	+54 36	8.5	8.51	05	9	R	..
“	“	“ “	“	6.80	07c	3	“	*14*	“	“	“ “	“	8.18	05b	3	24	..
4217	40.7	+44 18	8.5	8.93	05	6	11	..	*2866*	44.8	+55 6	9.5	9.88	05	6	5	..
5218	40.7	+20 17	9.4	10.04	99	1	25	..	2871	44.9	+56 23	9.0	8.59	05	1	5	..
4218	40.8	+45 10	9.1	9.52	05	6	11	..	*2816*	44.9	+56 14	9.0	9.29	05	6	5	..
4600	40.9	+41 38	9.2	9.35	00	14	4	*25*	2872	45.0	+56 18	8.5	8.68	05	6	5	..
4770	41.0	+ 3 24	9.5	10.44	01	3	9	..	4065	45.0	+45 22	8.5	8.42	05	3	1	00
2433	41.1	+60 18	7.5	8.08	10	4	1	03	“	“	“ “	“	8.35	05b	3	“	07
4646	41.1	+ 1 44	9.5	9.90	01	3	9	..	“	“	“ “	“	8.36	06	3	“	06
4223	41.4	+44 56	9.5	10.01	05	6	11	..	“	“	“ “	“	8.26	06b	3	“	16
4224	41.6	+45 5	8.6	8.87	00	3	1	05	..	45.0	+40 27	..	11.55	07	4	3	..
“	“	“ “	“	8.99	05	4	“	*07*	4066	45.1	+45 15	9.2	9.66	00	3	1	*04*
“	“	“ “	“	8.87	05b	2	“	05	“	“	“ “	“	9.52	05	3	1	10
“	“	“ “	“	8.86	06	3	“	06	“	“	“ “	“	9.62	05b	3	“	00
“	“	“ “	“	8.84	06b	3	“	08	“	“	“ “	“	9.64	06	3	“	*02*
4875	41.6	+11 40	4.8	4.43	03b	1	13	*12*	“	“	“ “	“	9.69	06b	3	“	*07*
“	“	“ “	“	4.38	03c	3	“	*07*	4917	45.1	+40 26	9.4	10.33	07	4	3	..
“	“	“ “	“	4.39	03d	2	“	*08*	4937	45.1	+39 59	7.6	7.63	07	4	3	*12*
4709	41.7	+23 2	3.9	4.20	03c	3	13	*06*	6355	45.1	−14 36	7.7	8.12	02	1	1	*16*
“	“	“ “	“	4.24	03d	3	“	*10*	“	“	“ “	“	7.94	05	2	“	02
2853	41.9	+55 0	9.5	10.28	05	6	5	..	..	45.2	+55 46	..	12.06	05	7	5	..
2854	42.0	+54 8	8.8	9.00	05	6	5	..	*4615*	45.2	+24 4	3.9	3.48	03c	3	13	19
6337	42.1	−19 42	8.5	8.42	00	3	1	*04*	“	“	“ “	“	3.48	03d	3	“	19
4905	42.3	+40 46	9.1	9.64	07	4	3	..	4654	45.2	+ 1 41	9.5	9.74	01	3	9	..
2859	42.5	+54 28	9.1	8.81	05	6	5	..	2818	45.4	+55 49	9.5	9.72	05	6	5	..
2861	42.5	+54 29	9.4	9.87	05	6	5	..	..	45.4	+40 30	..	10.29	07	4	3	..
4907	42.5	+ 4 29	9.5	10.30	01	3	9	..	..	45.4	+40 25	..	11.30	07	4	3	..
2858	42.8	+56 18	8.0	8.19	05	6	5	..	2874	45.5	+56 16	9.4	10.08	05	6	5	..
4563	42.8	+ 2 42	9.3	9.07	01	3	9	..	2819	45.5	+55 44	9.1	9.36	05	6	5	..
4925	42.9	+ 0 20	8.8	9.50	01	3	1	13	*2999*	45.5	+54 8	8.4	8.47	05	6	5	..
“	“	“ “	“	9.67	01g	3	“	*04*	..	45.5	+40 28	..	12.65	07	4	3	..
2568	43.0	+60 6	8.0	8.82	10	4	1	*06*	*996*	45.6	+74 8	8.4	8.46	08	4	19	*03*
2811	43.1	+55 56	9.4	9.46	05	6	5	..	*1468*	45.6	+68 2	6.5	6.15	07b	3	12	24
4889	43.1	+12 29	8.4	8.33	08	2	19	..	“	“	“ “	“	6.21	07c	3	“	18
“	“	“ “	“	8.44	08b	2	“	..	2867	45.6	+54 18	8.0	7.53	05	6	5	..
4910	43.2	+40 33	8.5	8.99	07	4	3	..	..	45.7	+40 31	..	11.84	07	4	3	..
..	43.4	+54 39	..	10.58	05	6	5	..	4929	45.7	+ 0 50	9.3	10.46	01	3	9	..
6341	43.4	−19 37	9.2	9.31	00	3	1	03	5059	45.8	+18 36	6.7	6.50	07b	3	12	00
2612	43.5	+57 57	6.3	6.23	07b	3	12	06	“	“	“ “	“	6.62	07c	3	“	*12*
“	“	“ “	“	6.17	07c	3	“	12	4783	45.9	+ 3 32	9.5	10.32	01	3	9	..
2813	43.5	+56 12	8.8	8.93	05	6	5	..	2821	46.0	+55 48	9.5	9.63	05	6	5	..
2862	43.6	+54 15	9.2	9.22	05	6	5	..	4913	46.0	+ 4 37	9.3	9.75	01	3	9	..
2863	43.6	+54 38	9.5	8.49	05	4	25	..	1814	46.1	+65 40	3.8	3.70	04c	3	13	*02*
“	“	“ “	“	8.24	05b	1	“	..	“	“	“ “	“	3.71	04d	3	“	*03*
2864	44.2	+54 25	9.0	9.16	05	7	5	..	4923	46.1	+40 32	9.2	9.79	07	4	3	..
2814	44.3	+55 16	8.7	8.86	04	1	25	*10*	4572	46.6	+ 2 40	9.5	10.77	01	3	9	..
“	“	“ “	“	8.78	09	4	1	*02*	4924	47.1	+40 46	8.9	9.19	07	4	3	..
6354	44.3	−14 7	4.0	4.28	03c	3	13	*07*	4925	47.2	+40 49	8.3	8.54	07	4	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4917	22 47.3	+ 5 1	9.0	9.74	01	3	1	*04*
“	“	“ “	“	9.76	01g	3	“	*06*
5968	47.4	− 8 7	4.2	3.97	03b	1	13	*13*
“	“	“ “	“	4.10	03c	3	“	*26*
“	“	“ “	“	3.96	03d	2	“	*12*
4929	47.6	+40 19	8.6	8.71	00	3	1	16
“	“	“ “	“	8.91	07	4	“	*04*
703	47.9	+82 37	5.0	4.83	05b	1	13	14
“	“	“ “	“	5.07	05c	3	“	*10*
“	“	“ “	“	4.88	05d	2	“	09
4954	48.1	+40 10	8.8	8.99	00	3	1	18
“	“	“ “	“	9.27	07	4	“	*10*
2874	48.3	+55 9	8.4	8.43	05	10	1	*02*
“	“	“ “	“	8.31	09	4	“	10
4263	48.8	+45 9	8.1	8.01	07	3	18	01
“	“	“ “	“	8.05	07b	3	“	*03*
6173	49.3	−16 21	3	3.35	03c	3	13	16
“	“	“ “	“	3.37	03d	3	“	14
6504	49.6	−19 51	8.6	8.77	00	3	1	*18*
4833	49.7	+16 24	7.0	6.43	07b	3	12	05
“	“	“ “	“	6.57	07c	3	“	*09*
4920	49.7	+ 4 16	9.5	10.17	01	3	9	. .
4581	49.8	+ 2 48	9.3	9.91	01	3	9	. .
4663	50.0	+ 1 53	9.5	10.77	01	3	9	. .
4940	50.0	+ 0 44	9.4	9.86	01	3	9	. .
4961	50.2	+ 8 17	4.7	5.11	03b	3	13	*16*
“	“	“ “	“	4.76	03c	3	“	19
4794	50.3	+ 3 25	9.4	10.00	01	3	9	. .
17671	50.3	−23 8	8.5	8.54	05	1	25	. .
6325	50.5	−21 4	8.5	8.62	00	12	5	*05*
6509	51.0	−20 37	9.7	11.03	00	5	5	. .
. .	51.4	−21 4	. .	12.01	00	6	5	. .
. .	51.4	−21 6	. .	11.75	00	6	5	. .
4947	51.7	+ 0 21	8.5	8.42	01	4	1	06
“	“	“ “	“	8.32	01g	4	“	16
. .	51.8	−21 1	. .	12.84	00	2	5	. .
1482	52.4	+67 42	7.5	8.14	08	2	19	*18*
“	“	“ “	“	8.16	08b	2	“	*20*
. .	52.4	−20 41	. .	11.91	00	6	5	. .
6335	52.4	−21 4	10	11.10	00	6	5	. .
4953	52.5	+40 22	8.3	8.63	07	4	1	09
4799	52.5	+ 3 15	6.5	6.44	07b	3	12	*01*
“	“	“ “	“	6.46	07c	3	“	*03*
6310	52.6	−14 50	8.5	8.80	02	1	1	*04*
“	“	“ “	“	8.94	05	2	“	*18*
2884	52.9	+55 9	8.5	8.87	05	8	1	*06*
“	“	“ “	“	8.80	09	4	“	01
4668	52.9	+ 1 28	9.3	9.55	01	3	9	. .
5539	53.1	− 2 56	6.3	6.34	07b	3	12	*13*
“	“	“ “	“	6.27	07c	3	“	*06*
	h. m.	° ′						
4437	22 53.2	+ 0 8	9.4	9.34	01	3	9	. .
5858	53.3	− 1 57	6.8	6.50	07b	3	12	*10*
“	“	“ “	“	6.34	07c	3	“	06
2859	53.5	+55 18	8.6	8.83	05	8	1	03
“	“	“ “	“	8.72	09	3	“	14
5092	53.7	+ 6 48	7.3	6.34	07b	3	12	*06*
“	“	“ “	“	6.41	07c	3	“	*13*
4737	53.9	+15 14	8.6	8.95	05	3	1	09
“	“	“ “	“	9.01	05b	3	“	03
“	“	“ “	“	9.10	06	3	“	*06*
“	“	“ “	“	9.11	06b	3	“	*07*
4806	54.3	+ 3 26	9.5	10.61	01	3	9	. .
6318	54.3	−13 36	6.5	6.26	07b	3	12	01
“	“	“ “	“	6.59	07c	3	“	*32*
6314	54.3	−14 46	8.3	8.94	02	1	1	07
“	“	“ “	“	8.94	05	2	“	07
6315	54.5	−14 48	8.8	8.75	02	1	1	11
“	“	“ “	“	8.84	05	2	“	02
“	“	“ “	“	8.87	06	3	“	*01*
“	“	“ “	“	9.00	06b	3	“	*14*
4591	54.7	+ 2 20	9.5	10.86	01	3	9	. .
4958	54.8	+40 21	8.3	8.36	07	4	1	*04*
4009	54.9	+50 4	9.5	11.00	98	1	25	. .
4934	54.9	+ 4 47	9.5	9.67	01	3	9	. .
17699	55.0	−23 4	7.6	7.69	05	4	24	. .
“	“	“ “	“	7.82	05b	2	“	. .
640	55.2	+83 49	5.0	5.10	05b	1	13	*14*
“	“	“ “	“	5.12	05c	3	“	*16*
“	“	“ “	“	5.06	05d	2	“	*10*
6321	55.5	−14 48	8.2	8.38	02	1	1	*02*
“	“	“ “	“	8.50	05	2	“	*14*
“	“	“ “	“	8.39	06	3	“	*03*
“	“	“ “	“	8.31	06b	3	“	05
4594	55.7	+ 2 29	6.8	6.02	07b	3	12	*06*
“	“	“ “	“	6.04	07c	3	“	*08*
4912	55.9	+15 7	8.3	8.02	05	3	1	07
“	“	“ “	“	8.17	05b	3	“	*08*
“	“	“ “	“	7.95	06	3	“	14
“	“	“ “	“	7.99	06b	3	“	10
6383	55.9	−19 44	9.1	9.29	00	3	1	*11*
2868	56.0	+55 14	9.0	9.16	05	8	1	08
4937	56.0	+ 5 2	8.3	8.59	01	3	1	06
“	“	“ “	“	8.43	01g	3	“	22
4987	56.2	+40 6	9.1	9.24	07	4	1	08
5910	56.2	− 7 36	6.8	6.49	07b	3	12	*09*
“	“	“ “	“	6.56	07c	3	“	*16*
6325	56.2	−14 49	7.5	7.67	02	1	1	*25*
“	“	“ “	“	7.32	05	2	“	10
“	“	“ “	“	7.55	06	3	“	*13*
“	“	“ “	“	7.31	06b	3	“	11

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4744	22 56.3	+38 10	6.7	6.49	07b	3	12	*10*
“	“	“ “	“	6.30	07c	3	“	09
4916	56.4	+14 20	7.3	7.19	05	4	1	*04*
“	“	“ “	“	7.33	05b	1	“	*18*
5149	56.4	+10 15	8.8	9.13	00	3	1	*07*
5911	56.5	− 7 30	8.5	7.92	07b	1	12	. .
“	“	“ “	“	7.99	07c	1	“	. .
4967	56.6	+40 16	9.5	10.39	99	1	25	. .
5048	57.0	+19 17	7.1	7.13	05	3	1	07
“	“	“ “	“	7.32	05b	1	“	*12*
4121	57.2	+45 20	9.5	10.13	05	5	24	. .
“	“	“ “	“	10.45	05b	3	“	. .
4664	57.3	+41 47	3.7	3.65	03c	3	13	*02*
“	“	“ “	“	3.62	03d	2	“	01
“	“	“ “	“	3.63	04c	1	“	00
“	“	“ “	“	3.48	04d	1	“	15
2876	57.4	+55 17	8.9	8.96	05	8	1	*02*
6354	57.4	−21 24	6.4	6.53	07b	3	12	*34*
“	“	“ “	“	6.45	07c	3	“	*26*
4750	57.5	+15 18	8.8	9.19	05	3	1	*15*
“	“	“ “	“	8.99	05b	3	“	05
“	“	“ “	“	9.07	06	3	“	*03*
“	“	“ “	“	9.02	06b	3	“	02
6332	57.5	−14 48	8.2	8.52	02	1	1	*26*
“	“	“ “	“	8.22	05	2	“	04
“	“	“ “	“	8.33	06	3	“	*07*
“	“	“ “	“	8:34	06b	3	“	*08*
6530	57.5	−19 55	8.8	8.98	00	3	1	*10*
4751	57.6	+15 42	6.5	6.52	05	4	1	22
“	“	“ “	“	6.73	05b	1	“	01
6334	57.6	−14 53	9.4	10.10	02	2	11	. .
“	“	“ “	“	10.17	05	4	“	. .
17716	57.6	−23 10	8.5	8.68	05	1	25	. .
4123	57.7	+45 17	9.5	10.88	05	4	25	. .
5120	57.7	+ 5 17	9.0	9.57	00	3	1	*01*
4599	57.7	+ 2 45	9.4	9.71	01	3	9	. .
4829	57.8	+31 14	6.3	6.63	07b	3	12	*17*
“	“	“ “	“	6.51	07c	3	“	*05*
4923	57.8	+14 54	9.5	11.41	05	12	11	. .
“	“	“ “	“	11.54	06	2	“	. .
4924	57.9	+14 44	9.0	9.60	05	7	R	. .
4951	58.0	+ 4 30	9.3	10.09	01	3	9	. .
6336	58.0	−15 12	9.8	10.95	02	2	11	. .
“	“	“ “	“	10.87	05	4	“	. .
6533	58.1	−19 51	8.5	8.34	00	3	1	14
4753	58.3	+15 31	8.5	8.53	05	6	11	. .
4816	58.4	+ 3 57	9.2	10.05	01	3	9	. .
4676	58.7	+ 1 23	9.5	10.27	01	3	9	. .
4818	58.8	+ 3 17	4.7	4.22	01i	3	1	36
“	“	“ “	“	4.76	03b	3	13	*18*
	h. m.	° ′						
A	22 58.8	+ 3 17	4.7	4.66	03c	3	13	*08*
4960	58.8	+ 0 23	9.5	10.36	01	3	9	. .
4755	58.9	+15 22	9.0	9.67	05	3	1	*13*
“	“	“ “	“	9.68	05b	3	“	*14*
“	“	“ “	“	9.63	06	3	“	*09*
“	“	“ “	“	9.76	06b	3	“	*22*
4756	58.9	+15 18	9.0	9.22	05	3	1	12
“	“	“ “	“	9.20	05b	3	“	14
“	“	“ “	“	9.29	06	3	“	05
“	“	“ “	“	9.16	06b	3	“	18
. .	59.0	+14 50	. .	11.14	05	6	3	. .
5123	59.0	+ 6 4	7.3	6.35	07b	3	12	*01*
“	“	“ “	“	6.42	07c	3	“	*08*
. .	59.1	+14 44	. .	12.25	05	6	3	. .
6337	59.1	−15 12	9.5	10.44	02	2	11	. .
“	“	“ “	“	10.50	05	4	“	. .
2676	59.2	+58 1	6.5	6.23	07b	3	12	27
“	“	“ “	“	6.42	07c	3	“	08
6399	59.2	−14 41	8.6	8.50	02	2	1	36
“	“	“ “	“	8.72	05	4	“	14
“	“	“ “	“	8.71	06	3	“	15
“	“	“ “	“	8.89	06b	3	“	*03*
. .	59.2	−15 16	. .	11.97	02	3	11	. .
“	“	“ “	“	11.71	05	4	“	. .
4981	59.3	+40 20	9.0	9.01	99	1	25	*04*
. .	59.3	+14 56	. .	13.06	05	6	11	. .
. .	59.3	+14 54	. .	12.83	05	6	11	. .
. .	59.4	+14 59	. .	12.66	05	6	11	. .
. .	59.4	+14 41	. .	11.71	05	6	3	. .
. .	59.4	+14 32	. .	10.91	05	6	3	. .
4961	59.4	+ 1 4	8.2	7.98	07	1	8	. .
. .	59.4	−15 3	. .	12.04	02	2	11	. .
“	“	“ “	“	12.16	05	4	“	. .
. .	59.5	+14 41	. .	11.69	05	7	3	. .
6339	59.5	−15 8	8.7	9.06	02	2	11	. .
“	“	“ “	“	9.40	02g	2	“	. .
“	“	“ “	“	9.05	05	8	“	. .
“	“	“ “	“	9.16	06	1	“	. .
“	“	“ “	“	9.24	06b	1	“	. .
. .	59.6	−15 1	. .	12.66	02	2	11	. .
“	“	“ “	“	12.99	05	4	“	. .
6395	59.6	−19 38	8.9	8.81	00	3	1	22
4028	59.7	+49 30	4.8	4.91	03b	2	13	00
“	“	“ “	“	4.75	03c	2	“	16
“	“	“ “	“	4.91	04b	1	“	00
“	“	“ “	“	5.03	04c	1	“	*12*
. .	59.7	−15 2	. .	12.83	05	1	11	. .
4926	59.8	+14 40	2.0	2.80	03c	3	13	*23*
“	“	“ “	“	2.33	03d	3	“	24
. .	59.8	−15 2	. .	11.22	02	2	11	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	22 59.8	−15 2	..	11.26	05	4	11	..	4931	23 1.8	+14 25	9.2	9.52	05	5	3	..
4927	59.9	+14 30	9.3	10.02	05	6	11	..	“	“	“ “	“	9.65	05b	1	“	..
..	59.9	−14 57	..	12.12	02	2	11	..	..	1.8	+10 15	..	12.10	00	6	5	..
“	“	“ “	“	11.95	05	4	“	..	..	1.9	+ 9 55	..	11.88	00	6	5	..
..	23 0.0	+14 53	..	11.60	05	6	11	..	4997	2.0	+ 8 52	5.2	4.66	03b	3	13	03
4928	0.1	+14 44	9.5	10.41	05	6	11	..	“	“	“ “	“	5.07	03c	3	“	*38*
4760	0.2	+16 2	7.0	6.49	07b	3	12	*04*	*4041*	2.1	+50 5	9.5	10.46	98	1	25	..
“	“	“ “	“	6.45	07c	3	“	00	4716	2.2	+24 56	5.3	4.80	03b	3	13	18
4963	0.2	+ 0 46	7.2	6.54	07b	3	12	*16*	“	“	“ “	“	5.08	03c	3	“	*10*
“	“	“ “	“	6.58	07c	3	“	*20*	..	2.3	+10 0	..	11.93	00	6	5	..
..	0.2	−15 16	..	12.86	02	2	11	..	..	2.3	+ 1 8	..	11.57	07	2	8	..
“	“	“ “	“	13.06	05	4	“	..	2545	2.4	+58 53	5.3	4.94	03b	1	13	*01*
4877	0.3	+10 22	9.0	9.11	00	3	1	11	“	“	“ “	“	4.86	03c	1	“	07
4964	0.3	+ 1 14	8.5	8.34	07	2	8	15	“	“	“ “	“	5.04	04b	1	“	*11*
6342	0.3	−14 57	8.5	8.70	02	2	11	..	“	“	“ “	“	4.92	04c	1	“	01
“	“	“ “	“	8.84	05	4	“	..	“	“	“ “	“	4.83	05c	1	“	10
4929	0.6	+14 25	7.6	6.83	05	6	11	*02*	“	“	“ “	“	4.75	05d	1	“	18
4825	0.6	+ 3 59	9.4	9.81	01	3	9	..	..	2.5	+10 12	..	12.29	00	6	5	..
5057	0.7	+19 43	7.0	7.38	05	5	1	*18*	2692	2.6	+57 16	9.4	10.24	09	4	7	..
“	“	“ “	“	7.30	05b	1	“	*10*	4587	2.6	+32 18	6.3	6.12	07b	3	12	*15*
6343	0.7	−14 59	8.0	8.14	02	2	11	..	“	“	“ “	“	5.94	07c	3	“	03
“	“	“ “	“	8.24	05	4	“	..	..	2.7	+ 1 13	..	12.04	07	2	8	..
..	0.8	+14 57	..	12.32	05	6	11	..	6404	2.7	−19 44	8.7	8.92	00	3	1	*14*
4606	0.8	+ 2 49	9.4	10.38	01	3	9	..	..	2.9	+ 1 12	..	12.22	07	2	8	..
4679	0.8	+ 1 39	9.5	9.89	01	3	9	..	..	2.9	+ 1 4	..	11.05	07	2	8	..
2687	0.9	+58 8	8.8	8.71	09	4	7	..	*2546*	3.0	+59 13	6.5	6.55	99	3	4	*27*
4956	0.9	+ 5 7	8.7	9.28	00	3	1	*03*	“	“	“ “	“	6.67	99i	1	“	*39*
4855	1.0	+30 11	8.0	8.26	07	3	18	00	“	“	“ “	“	6.23	07b	3	12	05
“	“	“ “	“	8.14	07b	3	“	12	“	“	“ “	“	6.19	07c	3	“	09
1498	1.1	+67 53	7.5	7.52	08	2	19	*02*	*2694*	3.3	+58 5	9.2	9.63	09	4	7	..
“	“	“ “	“	7.46	08b	2	“	04	*2695*	3.4	+58 11	9.1	9.01	09	4	7	..
..	1.1	+ 9 55	..	11.48	00	6	5	..	*5164*	3.4	+10 3	8.5	8.55	00	12	5	04
4957	1.1	+ 5 8	8.7	9.29	00	3	1	11	“	“	“ “	“	8.66	01	6	25	*07*
2691	1.3	+57 59	9.5	9.42	09	4	7	..	“	“	“ “	“	8.52	01g	6	“	07
5105	1.3	+18 27	7.4	7.49	05	4	3	06	*4399*	3.6	+44 1	6.5	6.45	07b	4	12	*09*
“	“	“ “	“	7.32	05b	2	“	23	“	“	“ “	“	6.38	07c	2	“	*02*
4866	1.3	+17 59	6.7	6.19	07b	3	12	*05*	*2171*	3.7	+63 6	6.2	6.17	07b	3	12	02
“	“	“ “	“	6.14	07c	3	“	00	“	“	“ “	“	6.08	07c	3	“	11
17497	1.3	−24 17	4.4	4.80	03b	2	13	*03*	1931	3.9	+63 41	6.3	5.95	07b	3	12	46
“	“	“ “	“	4.85	03c	3	“	*08*	“	“	“ “	“	6.34	07c	3	“	07
“	“	“ “	“	4.87	03d	1	“	*10*	..	3.9	+ 1 13	..	11.06	07	2	8	..
4967	1.4	+ 0 53	9.5	10.73	01	2	9	..	6368	4.1	−21 43	4.4	4.17	03b	1	13	*37*
“	“	“ “	“	11.08	01g	1	“	..	“	“	“ “	“	4.15	03c	3	“	*35*
6346	1.4	−15 24	8.9	9.00	02	2	11	..	“	“	“ “	“	3.99	03d	2	“	*19*
“	“	“ “	“	9.01	05	4	“	..	6411	4.4	−19 41	9.0	9.61	00	3	1	12
6347	1.4	−15 9	9.0	9.58	02	2	11	..	17771	4.5	−23 0	4.9	4.89	03b	3	13	05
“	“	“ “	“	9.64	05	4	“	..	“	“	“ “	“	5.17	03c	3	“	*23*
4958	1.5	+ 4 54	9.0	9.36	01	4	9	..	1006	4.7	+74 51	4.6	4.55	05c	3	13	01
6349	1.7	−14 49	9.9	10.91	02	2	11	..	“	“	“ “	“	4.61	05d	3	“	*05*
“	“	“ “	“	10.92	05	4	“	..	..	4.8	+ 1 11	..	10.90	07	2	8	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
. .	23 4.8	+ 1 9	. .	10.95	07	2	8	. .
5140	4.9	+ 5 17	8.8	9.32	00	3	1	*06*
"	"	" "	"	9.06	01	1	25	20
"	"	" "	"	9.22	01g	1	"	04
. .	5.0	+ 1 9	. .	11.78	07	2	8	. .
4970	5.2	+ 5 8	9.0	10.06	00	3	1	*21*
"	"	" "	"	10.09	01	5	1	*24*
"	"	" "	"	10.21	01g	5	"	*36*
4689	5.3	+ 1 55	9.5	9.67	01	3	9	. .
2492	5.4	+60 47	9.5	10.10	05	4	25	. .
2551	5.4	+59 8	9.4	9.51	99	3	4	. .
2655	5.5	+60 9	8.9	9.08	09	4	1	08
4972	5.8	+ 4 38	9.5	10.28	01	3	9	. .
4623	5.8	+ 2 46	9.5	9.72	01	3	9	. .
. .	5.9	+ 1 13	. .	11.74	07	2	8	. .
4973	5.9	+ 0 47	9.5	9.85	01r	2	9	. .
"	"	" "	"	10.40	01g	1	"	. .
. .	6.0	+60 43	. .	10.15	05	8	24	. .
. .	6.0	+59 9	. .	11.85	05	6	4	. .
4974	6.1	+ 1 5	9.5	10.65	07	2	8	. .
4832	6.2	+ 3 54	9.3	10.06	01	3	9	. .
2660	6.3	+59 53	8.1	8.26	05	6	4	. .
6376	6.3	−21 31	9.0	9.22	05	4	24	. .
"	"	" "	"	9.38	05b	4	"	. .
. .	6.4	+ 1 7	. .	10.84	07	1	8	. .
4726	6.5	+25 6	9.0	9.37	06	8	1	04
2663	6.6	+59 26	9.0	9.38	05	6	4	. .
. .	6.6	+59 10	. .	11.70	05	6	4	. .
. .	6.7	+59 4	. .	11.33	05	6	4	. .
. .	6.8	+59 12	. .	10.45	99	3	4	. .
6377	7.1	−21 34	9.5	10.50	05	4	25	. .
. .	7.2	+59 10	. .	11.29	99	3	4	. .
"	"	" "	"	11.36	05	6	"	. .
. .	7.3	+59 6	. .	11.01	99	3	4	. .
"	"	" "	"	10.79	05	6	"	. .
2559	7.4	+59 4	9.5	10.14	99	3	4	. .
"	"	" "	"	10.29	05	7	"	. .
4895	7.5	+25 19	8.4	8.68	06	8	1	*07*
4694	7.5	+ 2 9	8.2	7.98	08	2	19	. .
"	"	" "	"	8.01	08b	2	"	. .
4899	7.6	+10 25	8.1	7.92	00	3	1	*01*
2667	7.9	+59 22	9.5	9.56	05	6	4	. .
2668	7.9	+60 8	8.4	8.82	09	4	1	04
. .	7.9	+59 4	. .	11.48	05	6	4	. .
. .	7.9	+59 3	. .	10.70	05	6	4	. .
3964	8.0	+48 51	5.0	4.86	03b	2	13	*24*
"	"	" "	"	4.74	03c	2	"	*12*
"	"	" "	"	4.58	04b	1	"	04
"	"	" "	"	4.30	04c	1	"	32
2561	8.1	+59 12	9.5	10.07	99	3	4	. .
	h. m.	° ′						
5181	23 8.1	+10 8	8.7	9.10	00	3	1	*03*
. .	8.2	+59 6	. .	12.44	05	4	4	. .
. .	8.2	+59 4	. .	12.48	05	4	4	. .
4548	8.3	+28 54	6.5	6.44	07b	3	12	*10*
"	"	" "	"	6.32	07c	3	"	02
4978	8.3	+ 0 24	8.2	7.52	01	3	1	*19*
"	"	" "	"	7.27	01g	3	"	06
2670	8.4	+60 11	8.2	8.58	09	4	1	*17*
4171	8.6	+45 18	9.5	10.28	09	4	7	. .
4172	8.6	+45 44	9.5	10.16	09	4	7	. .
4697	8.6	+ 1 54	9.5	10.34	01	3	9	. .
1508	8.7	+68 7	8.4	8.78	08	2	19	. .
"	"	" "	"	8.99	08b	2	"	. .
. .	8.8	+45 28	. .	11.60	09	4	7	. .
. .	8.9	+45 45	. .	11.62	09	5	7	. .
4985	8.9	+ 4 27	7.0	7.18	07	1	19	*25*
"	"	" "	"	6.91	07b	1	"	02
2563	9.1	+58 25	8.0	8.27	99	3	4	. .
. .	9.1	+45 46	. .	12.41	09	4	7	. .
6170	9.1	− 6 35	5.0	4.42	03b	1	13	*02*
"	"	" "	"	4.33	03c	3	"	07
"	"	" "	"	4.51	03d	2	"	*11*
4980	9.2	+ 0 41	9.3	9.13	01	3	9	. .
2564	9.3	+58 45	8.6	8.95	05	6	4	. .
. .	9.3	+45 47	. .	11.95	09	4	7	. .
. .	9.4	+45 27	. .	10.51	09	4	7	. .
4986	9.5	+ 4 53	9.5	10.11	01	3	9	. .
4638	9.5	+ 2 47	9.5	10.15	01	3	9	. .
6032	9.5	−11 14	6.3	6.31	07b	3	12	04
"	"	" "	"	6.59	07c	3	"	*24*
4071	9.6	+50 5	6.5	6.49	98	1	25	*24*
"	"	" "	"	6.35	07b	3	"	*10*
"	"	" "	"	6.22	07c	3	"	03
4555	9.6	+29 13	7.0	6.34	07b	3	12	08
"	"	" "	"	6.21	07c	3	"	21
2673	9.7	+59 16	8.5	8.59	05	6	4	. .
4607	9.7	+42 56	7.9	8.12	08	3	19	. .
"	"	" "	"	8.05	08b	1	"	. .
5184	9.7	+10 12	9.1	9.16	00	3	1	06
. .	9.9	+45 31	. .	11.08	09	4	7	. .
4840	9.9	+ 3 25	8.8	9.23	01	3	9	. .
2676	10.1	+60 14	9.0	9.41	05	6	1	*10*
"	"	" "	"	9.38	09	4	"	*07*
6429	10.1	−14 33	7.9	8.16	02	1	1	*60*
"	"	" "	"	7.88	05	2	"	*32*
4734	10.2	+25 7	9.0	9.45	06	8	1	01
1777	10.3	+65 4	9.5	10.14	04	1	25	. .
4905	10.4	+25 19	8.0	8.41	06	8	1	*05*
6156	10.7	− 9 38	5.0	4.20	03b	2	13	26
"	"	" "	"	4.19	03c	3	"	27

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
A	23 10.7	− 9 38	5.0	4.31	03d	1	13	15	4651	23 14.5	+ 2 51	9.5	9.77	01	3	9	..
2685	11.3	+60 8	8.4	8.80	05	6	1	*04*	4918	14.7	+25 36	9.4	10.50	01	6	4	..
"	"	" "	"	8.64	09	4	"	12	"	"	" "	"	10.26	06	4	"	..
2508	11.4	+60 23	8.8	9.63	02	3	1	*22*	4919	14.8	+25 33	9.5	11.06	01	12	4	..
"	"	" "	"	9.58	02g	4	"	*17*	"	"	" "	"	10.77	06	8	"	..
"	"	" "	"	9.42	05	6	"	*01*	4114	15.0	+47 51	6.5	6.34	07b	3	12	01
4907	11.5	+25 39	8.6	8.73	01	6	4	..	"	"	" "	"	6.37	07c	3	"	*02*
"	"	" "	"	8.92	06	4	"	..	*4995*	15.0	+ 5 6	8.8	8.89	01	5	1	11
4742	12.0	+25 10	9.1	9.29	06	8	1	07	"	"	" "	"	9.06	01g	5	"	*06*
4648	12.0	+ 2 44	3.8	3.36	01i	3	1	49	"	"	" "	"	9.00	07	3	"	00
"	"	" "	"	3.84	03c	3	13	01	"	"	" "	"	9.26	07b	3	"	*26*
"	"	" "	"	3.98	03d	3	"	*13*	*4641*	15.1	+43 0	9.2	9.66	08	4	20	..
2413	12.2	+61 25	6.5	6.64	07b	3	12	*15*	4920	15.1	+25 39	9.4	11.06	06	1	4	..
"	"	" "	"	6.53	07c	3	"	*04*	..	15.1	+25 34	..	12.38	06	4	4	..
4703	12.2	+ 1 33	9.5	10.27	01	3	9	..	4921	15.1	+25 21	9.5	11.14	01	12	4	..
19504	12.5	−30 12	9.3	9.87	02	1	25	..	"	"	" "	"	10.92	06	6	"	..
"	"	" "	"	10.03	02g	1	"	..	4437	15.2	+43 27	9.4	10.10	08	4	20	..
6160	12.7	− 9 44	5.5	4.58	03b	2	13	*02*	..	15.2	+25 29	..	11.84	06	4	4	..
"	"	" "	"	4.26	03c	2	"	30	4752	15.2	+24 53	8.0	8.47	01	6	4	..
"	"	" "	"	4.17	03d	1	"	39	"	"	" "	"	8.33	06	4	"	..
4985	13.0	+ 0 20	9.4	9.81	01	3	9	..	..	15.3	+25 40	..	11.84	06	4	4	..
3991	13.1	+48 28	4.9	4.92	03b	2	13	07	..	15.3	+25 15	..	11.06	06	2	4	..
"	"	" "	"	5.12	03c	2	"	*13*	4197	15.5	+45 23	9.0	9.32	08	4	1	05
"	"	" "	"	5.43	04b	1	"	*44*	"	"	" "	"	9.36	09	4	"	01
"	"	" "	"	5.67	04c	1	"	*68*	6191	15.5	− 6 27	6.5	6.35	07b	3	12	*05*
4967	13.1	+15 4	8.2	8.27	07	3	18	..	"	"	" "	"	6.55	07c	3	"	*25*
"	"	" "	"	8.34	07b	3	"	..	4438	15.6	+43 42	9.2	9.73	08	4	20	..
2693	13.3	+60 7	8.6	8.36	05	6	1	25	2521	15.7	+60 36	7.0	7.01	05	6	1	*19*
4913	13.4	+26 3	9.2	10.03	01r	5	4	..	*4810*	15.7	+23 12	5.0	4.97	03b	3	13	*32*
"	"	" "	"	10.03	06	4	"	..	"	"	" "	"	4.70	03c	3	"	*05*
4434	13.6	+44 2	9.0	9.53	08	4	20	..	*4922*	15.8	+26 11	8.8	8.82	01	6	4	..
4991	13.7	+ 4 57	9.5	9.51	01	3	9	..	"	"	" "	"	8.92	06	8	"	..
4994	13.8	+ 4 52	8.5	8.01	06	4	19	..	4440	16.0	+43 35	6.3	6.26	07b	3	12	*12*
"	"	" "	"	7.78	06b	4	"	..	"	"	" "	"	6.12	07c	3	"	02
"	"	" "	"	8.18	07	4	"	..	2579	16.2	+58 16	9.5	10.29	05	2	25	..
"	"	" "	"	8.12	07b	4	"	..	"	"	" "	"	10.53	05b	2	"	..
2697	13.9	+60 6	8.8	9.26	02	3	1	10	5049	16.2	+ 8 53	8.7	8.94	01	6	25	16
"	"	" "	"	9.04	02g	3	"	32	"	"	" "	"	9.01	01g	6	"	09
4915	13.9	+25 16	9.3	10.91	01	6	4	..	4443	16.4	+43 48	9.2	9.72	08	4	20	..
"	"	" "	"	10.52	06	4	"	..	4200	16.5	+45 20	9.0	9.35	08	4	1	*18*
6394	14.0	−14 47	8.5	8.84	02	1	1	32	"	"	" "	"	9.37	09	4	"	*20*
"	"	" "	"	9.16	05	2	"	00	*2704*	16.7	+60 2	9.2	8.79	99	1	25	..
"	"	" "	"	9.39	07	3	18	*23*	4445	16.7	+43 31	7.3	7.56	08	4	20	*01*
"	"	" "	"	9.54	07b	3	"	*38*	*6292*	16.7	−17 59	9.2	10.37	05	6	3	..
4848	14.1	+ 3 57	9.3	9.90	01	3	9	..	*2706*	16.9	+60 6	8.7	9.11	02	3	1	10
1514	14.5	+67 34	5.2	4.86	04b	3	13	04	"	"	" "	"	9.07	02g	3	"	14
"	"	" "	"	4.91	04c	3	"	*01*	4655	16.9	+ 2 43	9.5	10.96	01	3	9	..
4917	14.5	+25 56	8.0	8.18	01	6	4	..	4717	17.0	+ 1 56	9.5	10.36	01	3	9	..
"	"	" "	"	8.20	06	8	"	..	*4658*	17.7	+ 3 13	8.0	7.91	08	2	19	..
..	14.5	+25 28	..	10.78	06	2	4	..	"	"	" "	"	7.78	08b	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
6587	23 17.7	−20 39	4.5	4.24	03b	2	13	*04*
"	"	" "	"	4.50	03c	3	"	*30*
"	"	" "	"	4.33	03d	1	"	*13*
4857	17.8	+ 3 28	9.3	9.57	01	3	9	..
5001	18.0	+ 4 27	9.3	9.88	01	3	9	..
4655	18.2	+43 12	9.4	10.22	08	4	20	..
2528	18.3	+60 40	9.4	9.92	02	6	16	..
4993	18.4	+ 0 32	9.5	10.20	01	3	9	..
4817	18.5	+15 25	9.5	9.61	07	3	1	*02*
"	"	" "	"	9.87	07b	3	"	*28*
6293	18.5	−17 53	9.5	10.84	05	6	3	..
6448	18.5	−19 39	8.2	8.18	05	6	1	*12*
4399	18.7	+45 15	8.5	8.45	09	4	1	07
4764	18.7	+24 45	8.3	8.28	01	6	4	..
"	"	" "	"	8.12	06	4	"	..
6295	18.7	−18 20	7.8	7.94	05	6	3	..
6296	18.7	−17 53	9.8	11.37	05	6	3	..
6297	18.9	−18 15	8.7	8.94	05	6	3	..
2529	19.1	+61 11	8.7	9.16	02	6	16	..
6747	19.1	−17 36	9.4	10.27	05	6	3	..
..	19.2	+61 17	..	11.94	02	7	16	..
..	19.2	−17 51	..	12.20	05	6	3	..
5165	19.3	+ 5 39	7.8	7.07	07	1	19	07
"	"	" "	"	7.22	07b	1	"	*08*
6300	19.3	−18 10	8.5	8.77	05	6	3	..
..	19.4	+61 10	..	12.03	02	6	16	..
2586	19.4	+58 38	9.0	9.25	05	4	24	..
"	"	" "	"	9.08	05b	4	"	..
6589	19.4	−19 52	9.0	10.23	05	6	1	*25*
..	19.5	+61 16	..	11.01	02	6	16	..
..	19.5	+61 2	..	12.82	02	6	16	..
..	19.6	+61 4	..	13.34	02	7	16	..
2531	19.6	+60 43	8.7	9.26	02	6	16	..
4404	19.7	+45 14	8.9	9.15	08	4	1	17
"	"	" "	"	9.02	09	4	"	30
2532	19.8	+61 3	8.4	8.73	02	6	16	..
..	19.8	+60 59	..	12.76	02	6	16	..
4454	19.8	+43 35	9.3	10.17	08	4	20	..
6303	19.8	−17 56	10	11.40	05	6	3	..
4456	19.9	+43 45	8.5	8.98	08	4	20	..
6304	19.9	−18 10	8.3	8.68	05	6	3	..
2533	20.1	+60 37	9.0	9.20	02	6	16	..
2534	20.3	+60 48	9.3	9.36	02	7	16	..
2536	20.4	+60 42	9.5	10.24	02	6	16	..
4833	20.4	+22 51	4.5	4.63	03b	4	13	*06*
"	"	" "	"	4.36	03c	3	"	21
2445	20.7	+61 20	9.5	10.47	02	6	16	..
2537	20.7	+60 49	9.2	9.13	02	7	16	..
4666	20.8	+ 2 29	9.5	10.49	01	3	9	..
6420	20.8	−21 12	5.5	4.61	03b	3	13	*09*
	h. m.	° ′						
A	23 20.8	−21 12	5.5	4.76	03c	3	13	*24*
4859	20.9	+ 3 25	9.2	9.02	01	3	9	..
6592	20.9	−19 55	8.3	8.94	05	6	1	*11*
2538	21.1	+60 16	9.0	9.42	02	3	1	*16*
"	"	" "	"	9.32	02g	3	"	*06*
5007	21.2	+ 4 54	9.3	10.19	01	3	9	..
2539	21.4	+60 53	8.2	8.42	02	6	16	..
4997	21.7	+ 1 9	8.9	8.94	07	4	8	05
4998	21.8	+ 0 42	5.7	4.87	01i	3	1	07
"	"	" "	"	5.03	03b	3	13	*09*
"	"	" "	"	5.01	03c	3	"	*07*
4050	22.1	+49 1	9.5	10.57	05	4	25	..
4051	22.2	+48 58	9.3	9.04	05	6	24	..
"	"	" "	"	9.02	05b	2	"	..
5000	22.6	+ 1 7	9.3	9.72	01	3	9	..
5013	22.7	+ 5 11	8.9	8.29	01	3	1	02
"	"	" "	"	8.25	01g	3	"	06
4465	22.9	+44 14	7.0	7.37	08	3	19	08
"	"	" "	"	7.78	08b	1	"	*33*
5173	22.9	+ 5 50	4.7	4.38	03b	2	13	07
"	"	" "	"	4.52	03c	3	"	*07*
"	"	" "	"	4.27	03d	1	"	18
6496	22.9	−12 0	6.3	6.70	07b	3	12	*22*
"	"	" "	"	6.57	07c	3	"	*09*
2728	23.0	+60 2	8.8	9.16	07	3	18	..
"	"	" "	"	9.11	07b	3	"	..
5001	23.2	+ 0 50	9.5	10.18	01	3	9	..
2546	23.4	+60 18	8.8	9.24	02	3	1	*08*
"	"	" "	"	9.16	02g	5	"	00
"	"	" "	"	9.04	07	3	"	12
"	"	" "	"	8.98	07b	3	"	18
4844	24.1	+22 31	6.8	6.44	07b	3	12	01
"	"	" "	"	6.38	07c	3	"	07
5009	24.1	+12 13	4.8	4.58	03b	3	13	09
"	"	" "	"	4.32	03c	3	"	35
18720	24.8	−29 51	9.7	11.88	02	2	25	..
4428	24.9	+45 13	8.5	9.20	09	4	1	*18*
4865	25.0	+ 3 18	9.5	10.80	01	3	9	..
4070	25.3	+48 36	6.8	6.07	07b	3	12	31
"	"	" "	"	6.19	07c	3	"	19
2748	25.4	+58 0	5.7	5.08	03b	1	13	*19*
"	"	" "	"	5.05	03c	1	"	*16*
"	"	" "	"	4.92	04b	2	"	*03*
"	"	" "	"	4.94	04c	2	"	*05*
5009	25.6	+ 0 19	7.7	7.34	01	3	1	19
"	"	" "	"	7.22	01g	3	"	31
4856	25.8	+38 6	6.5	6.14	07b	3	12	07
"	"	" "	"	6.16	07c	3	"	05
4671	25.8	+ 2 38	9.3	10.19	01	3	9	..
5010	25.8	+ 0 28	9.5	10.18	01	3	9	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
4246	23 25.9	+45 36	8.0	8.08	08	2	19	. .
“	“	“ “	“	8.40	08b	2	“	. .
5020	25.9	+ 5 5	8.8	8.84	00	1	1	*02*
“	“	“ “	“	8.80	00g	1	“	02
“	“	“ “	“	8.85	01	3	“	*03*
“	“	“ “	“	8.88	01g	3	“	*06*
6036	25.9	− 6 51	6.8	6.65	07b	3	12	*26*
“	“	“ “	“	6.75	07c	3	“	*36*
5896	26.4	− 4 38	6.8	6.78	07b	3	12	*28*
“	“	“ “	“	6.77	07c	3	“	*27*
5022	26.5	+ 4 24	9.5	10.24	00	1	9	. .
“	“	“ “	“	10.35	01	2	“	. .
4733	26.5	+ 1 16	9.5	11.04	00	1	9	. .
“	“	“ “	“	11.40	01	2	“	. .
4568	26.7	+27 51	6.3	6.48	07b	3	12	*25*
“	“	“ “	“	6.10	07c	3	“	13
5024	27.0	+ 4 44	9.0	9.63	01	1	25	. .
“	“	“ “	“	9.56	01g	1	“	. .
6470	27.2	−19 36	8.6	8.99	05	6	1	14
4186	27.8	+47 49	8.0	8.35	07	4	3	. .
4188	27.8	+48 13	8.9	8.99	07	4	3	. .
4088	27.9	+48 21	9.5	10.27	07	4	3	. .
6437	28.0	−21 28	5.8	4.86	03b	3	13	*10*
“	“	“ “	“	4.77	03c	3	“	*01*
19596	28.0	−30 4	9.9	12.23	02	1	25	. .
2758	28.1	+57 21	8.0	7.54	08	2	19	. .
“	“	“ “	“	7.49	08b	2	“	. .
6472	28.3	−19 42	8.4	8.66	05	6	1	27
4090	28.4	+48 23	8.8	8.93	07	4	3	. .
4074	28.6	+50 17	8.7	8.94	07	4	1	28
. .	28.6	+48 12	. .	10.91	07	4	3	. .
5026	28.6	+ 5 1	9.0	8.99	00	1	1	01
“	“	“ “	“	8.95	00g	1	“	05
“	“	“ “	“	8.86	01	2	“	14
“	“	“ “	“	8.91	01g	2	“	09
4094	29.0	+48 26	9.3	10.34	07	4	3	. .
4192	29.0	+48 8	8.5	8.86	07	4	3	. .
. .	29.2	+48 22	. .	12.75	07	2	3	. .
5029	29.3	+ 4 55	8.0	6.90	08	2	19	*10*
“	“	“ “	“	6.92	08b	2	“	*12*
4874	29.5	+ 4 9	9.0	9.67	00	1	9	. .
“	“	“ “	“	9.86	01	2	“	. .
. .	29.6	+48 12	. .	11.68	07	4	3	. .
4193	29.6	+48 1	9.1	9.86	07	4	3	. .
4875	29.7	+ 3 18	9.2	10.37	00	1	9	. .
“	“	“ “	“	10.42	01	2	“	. .
. .	29.8	+48 14	. .	11.28	07	4	3	. .
4866	29.9	+37 29	6.2	6.15	07b	3	12	19
“	“	“ “	“	6.47	07c	3	“	*13*
4101	30.0	+48 30	8.9	8.97	07	4	3	. .
	h. m.	° ′						
2476	23 30.3	+61 53	9.3	9.78	09	4	7	. .
4741	30.7	+ 1 31	9.0	8.93	00	1	9	. .
“	“	“ “	“	9.10	01	2	“	. .
4743	30.8	+ 2 8	9.0	9.45	00	1	9	. .
“	“	“ “	“	9.60	01	2	“	. .
5020	31.0	+ 0 42	9.5	10.28	00	1	9	. .
“	“	“ “	“	10.28	01	2	“	. .
4744	31.3	+ 1 32	6.8	5.86	00i	1	1	*21*
“	“	“ “	“	5.92	00gi	1	“	*27*
5022	31.9	+ 1 8	9.5	10.52	07	1	8	. .
4966	32.1	+35 14	8.0	8.09	07	4	3	08
. .	32.2	+62 10	. .	11.30	09	4	7	. .
. .	32.2	+61 40	. .	11.02	09	4	7	. .
5023	32.3	+ 1 5	9.5	10.71	07	1	8	. .
. .	32.4	+62 8	. .	11.55	09	4	7	. .
2486	32.4	+61 46	9.1	9.29	09	4	7	. .
. .	32.4	+61 43	. .	11.84	09	4	7	. .
5066	32.5	+35 15	7.0	7.06	07	4	3	01
4097	32.6	+50 25	8.8	9.08	07	4	1	*16*
4283	32.7	+45 55	3.5	3.92	03c	2	13	08
“	“	“ “	“	4.06	03d	2	“	*06*
“	“	“ “	“	3.69	04c	1	“	31
“	“	“ “	“	4.10	04d	1	“	*10*
4508	32.7	+43 52	6.3	5.80	03b	1	12	06
“	“	“ “	“	6.15	03c	1	“	*29*
“	“	“ “	“	5.77	07b	3	“	09
“	“	“ “	“	5.61	07c	3	“	25
4691	32.8	+ 2 18	9.5	10.75	00	1	9	. .
“	“	“ “	“	10.92	01	2	“	. .
. .	32.8	+ 1 7	. .	12.78	07	2	8	. .
4098	33.0	+50 23	9.1	9.61	07	4	1	*09*
4175	33.0	+50 10	8.9	9.25	07	4	1	*08*
4968	33.0	+35 1	8.7	8.68	07	4	3	. .
4969	33.0	+35 8	9.5	10.82	07	4	3	. .
. .	33.2	+61 42	. .	10.60	09	4	7	. .
4720	33.2	+42 43	4.2	4.36	03c	2	13	*08*
“	“	“ “	“	4.32	03d	1	“	*04*
“	“	“ “	“	4.18	04c	1	“	10
“	“	“ “	“	4.36	04d	1	“	*08*
728	33.3	+82 39	7.5	7.38	01	6	7	31
4970	33.3	+35 2	9.0	9.08	07	4	3	. .
4752	33.3	+ 1 22	9.0	8.81	08	4	1	*12*
4753	33.4	+ 1 18	9.4	10.54	00	1	9	. .
“	“	“ “	“	10.62	01	2	“	. .
. .	33.5	+35 12	. .	13.20	07	4	3	. .
. .	33.5	+35 10	. .	11.79	07	4	3	. .
4971	33.5	+34 58	8.7	8.82	07	4	3	. .
. .	33.7	+61 52	. .	10.99	09	4	7	. .
. .	33.7	+35 13	. .	12.40	07	4	3	. .
4973	33.7	+34 58	7.9	8.07	07	4	3	*02*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
..	23 33.7	+ 1 9	..	10.97	07	2	8	..
5026	33.7	+ 0 27	9.5	11.47	00	1	9	..
"	"	" "	"	11.47	01	2	"	..
..	33.8	+35 8	..	11.31	07	4	3	..
..	33.8	+ 1 7	..	10.99	07	2	8	..
4886	33.9	+ 3 37	9.3	9.88	00	1	9	..
"	"	" "	"	9.76	01	2	"	..
5033	34.0	+ 4 54	9.3	9.99	00	1	9	..
"	"	" "	"	9.76	01	2	"	..
..	34.1	+35 6	..	10.46	07	4	3	..
4976	34.2	+35 2	9.1	9.34	07	4	3	..
6487	34.7	−19 23	9.1	9.94	99	1	25	..
2493	34.8	+61 53	8.5	8.97	09	4	7	..
..	34.9	+35 6	..	11.78	07	4	3	..
5030	35.0	+ 1 5	9.5	9.69	07	2	8	..
5098	35.1	+37 6	6.5	6.55	07b	3	12	*32*
"	"	" "	"	6.46	07c	3	"	*23*
928	35.2	+77 4	3.5	3.46	04c	4	13	*04*
"	"	" "	"	3.38	04d	4	"	04
4184	35.4	+50 13	9.0	9.34	07	4	1	03
5070	35.4	+ 7 17	8.7	8.75	99	6	23	*55*
"	"	" "	"	8.61	00	8	"	*41*
"	"	" "	"	8.44	00g	8	"	*24*
6490	35.4	−19 19	9.8	10.62	99	1	25	..
4522	35.5	+43 47	4.7	4.19	03c	1	13	14
"	"	" "	"	4.21	03d	1	"	12
"	"	" "	"	4.33	04b	1	"	00
"	"	" "	"	4.23	04c	2	"	10
"	"	" "	"	4.18	04d	1	"	15
..	35.5	+35 7	..	10.31	07	4	3	..
4984	35.6	+35 8	9.5	10.21	07	4	3	..
5075	35.7	+ 7 47	8.3	7.90	00	2	25	..
"	"	" "	"	7.87	00g	3	"	..
4127	36.6	+48 58	6.5	6.24	07b	3	12	07
"	"	" "	"	6.18	07c	3	"	13
5078	36.6	+ 7 39	8.8	9.34	99	6	23	*35*
"	"	" "	"	8.77	00	6	"	22
"	"	" "	"	8.83	00g	6	"	16
"	"	" "	"	9.32	01	6	"	*33*
"	"	" "	"	9.17	01g	6	"	*18*
6358	36.6	−18 23	4.3	4.87	03b	3	13	08
"	"	" "	"	5.11	03c	3	"	*16*
5036	36.9	+ 0 24	9.5	10.32	00	1	9	..
"	"	" "	"	10.40	01	2	"	..
5037	36.9	+ 1 14	4.6	4.56	00i	1	1	05
"	"	" "	"	4.38	00gi	1	"	23
"	"	" "	"	4.72	01i	2	"	*11*
"	"	" "	"	4.68	03b	3	13	*07*
"	"	" "	"	4.74	03c	3	"	*13*
3067	37.1	+56 43	6.8	6.10	07b	3	12	23
	h. m.	° ′						
A	23 37.1	+56 43	6.8	6.30	07c	3	12	03
5041	37.1	+ 4 46	9.5	10.74	00	1	9	..
"	"	" "	"	11.05	01	2	"	..
..	37.1	+ 1 7	..	10.72	07	2	8	..
733	37.3	+82 19	8.5	8.21	01	6	7	..
4704	37.3	+ 2 49	9.5	9.99	00	1	9	..
"	"	" "	"	10.27	01	2	"	..
6476	37.5	−15 6	4.8	4.65	03b	3	13	*03*
"	"	" "	"	4.35	03c	3	"	27
..	37.8	+ 1 6	..	11.56	07	2	8	..
5039	38.1	+ 0 21	8.9	8.50	00	2	1	18
"	"	" "	"	8.62	00g	2	"	06
"	"	" "	"	8.66	01	2	"	02
"	"	" "	"	8.72	01g	2	"	*04*
"	"	" "	"	8.77	07	3	18	*09*
"	"	" "	"	8.77	07b	3	"	*09*
"	"	" "	"	8.73	08	4	1	*05*
4761	38.4	+ 1 30	9.5	10.61	00	1	9	..
"	"	" "	"	11.18	01	2	"	..
4889	38.5	+ 3 22	9.3	9.66	00	1	9	..
"	"	" "	"	9.70	01	2	"	..
2787	38.6	+57 30	7.5	7.17	08	2	19	*15*
"	"	" "	"	7.16	08b	2	"	*14*
..	38.7	+55 53	..	11.31	05	6	4	..
4627	39.0	+28 49	5.2	4.89	03b	3	13	09
"	"	" "	"	4.94	03c	3	"	04
..	39.0	+ 1 14	..	12.18	07	2	8	..
..	39.1	+56 1	..	11.20	05	6	4	..
3007	39.2	+56 5	9.2	9.92	05	6	4	..
4561	39.2	+ 0 10	8.3	7.89	08	4	1	14
..	39.3	+55 54	..	12.88	05	7	4	..
..	39.4	+55 56	..	12.65	05	6	4	..
..	39.4	+ 1 8	..	10.84	07	2	8	..
..	39.5	+55 59	..	12.80	05	6	4	..
..	39.5	+55 58	..	12.05	05	6	4	..
..	39.5	+ 1 13	..	12.40	07	2	8	..
..	39.7	+56 3	..	11.39	05	6	4	..
3011	39.9	+55 55	8.6	8.30	05	6	4	..
4766	40.0	+ 1 32	8.5	7.59	07	3	19	..
"	"	" "	"	7.32	07b	3	"	..
..	40.2	+55 57	..	11.14	05	6	4	..
4154	40.2	+46 22	8.3	8.35	08	2	19	..
"	"	" "	"	8.61	08b	2	"	..
..	40.3	+56 6	..	11.54	05	6	4	..
5219	40.4	+ 5 55	8.7	9.50	08	2	19	..
"	"	" "	"	9.49	08b	2	"	..
..	40.5	+56 6	..	11.54	05	6	4	..
..	40.5	+56 2	..	11.85	05	6	4	..
4893	40.7	+ 3 44	9.3	9.40	00	1	9	..
"	"	" "	"	9.16	01	2	"	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.	DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′								h. m.	° ′						
5042	23 40.7	+ 1 7	8.6	8.21	07	3	8	*07*	5223	23 44.0	+ 5 50	8.7	8.34	05	4	24	. .
“	“	“ “	“	8.31	08	4	1	*17*	“	“	“ “	“	8.38	05b	4	“	. .
3015	41.0	+56 8	9.5	10.46	05	6	4	. .	2653	44.3	+58 25	6.8	6.33	07b	3	12	11
5048	41.3	+ 4 32	9.5	9.53	00	1	9	. .	“	“	“ “	“	6.29	07c	3	“	15
“	“	“ “	“	9.35	01	2	“	. .	*5013*	44.4	+35 7	9.0	9.15	07	7	1	02
4709	41.3	+ 2 56	6.2	5.50	00i	2	1	*20*	4720	44.4	+ 2 26	9.0	9.87	08	4	20	. .
735	41.4	+82 15	8.2	7.66	01	7	7	. .	5054	44.4	+ 0 31	6.5	5.70	00i	1	1	07
5046	41.4	+ 0 31	9.5	9.91	00	1	9	. .	“	“	“ “	“	5.65	00gi	1	“	12
“	“	“ “	“	10.12	01	2	“	. .	736	44.5	+82 26	8.5	8.43	01	6	7	. .
4710	42.2	+ 2 20	8.5	8.31	05	2	17	. .	*3053*	44.6	+55 5	8.2	7.98	05	6	1	*07*
“	“	“ “	“	8.37	05b	2	“	. .	*6503*	44.8	−14 54	8.4	8.20	05	4	1	*05*
“	“	“ “	“	8.00	06	4	“	. .	4723	44.9	+ 2 19	8.3	8.28	08	4	20	. .
“	“	“ “	“	8.41	06b	4	“	. .	4650	45.1	+28 57	9.3	9.99	07	3	23	. .
“	“	“ “	“	8.11	08	4	20	. .	“	“	“ “	“	9.81	08	3	“	. .
4997	42.3	+29 53	9.5	10.00	07	7	23	. .	“	“	“ “	“	10.56	08b	1	“	. .
4770	42.3	+ 2 11	8.7	9.45	08	4	20	. .	4782	45.2	+ 1 43	9.5	10.00	00	1	9	. .
4771	42.6	+ 1 28	9.5	10.17	00	1	9	. .	“	“	“ “	“	10.26	01	2	“	. .
“	“	“ “	“	9.89	01	2	“	. .	“	“	“ “	“	10.74	08	4	20	. .
4989	42.8	+16 32	7.8	8.16	09	8	25	. .	4783	45.2	+ 1 21	8.7	9.09	06	2	1	*15*
4990	42.8	+16 31	8.0	8.16	09	8	25	. .	“	“	“ “	“	9.10	06b	2	“	*16*
4711	42.8	+ 2 35	9.3	9.82	00	1	9	. .	“	“	“ “	“	9.00	07	4	“	*06*
“	“	“ “	“	10.28	01	2	“	. .	“	“	“ “	“	9.03	07b	4	“	*09*
6819	43.0	−17 15	7.0	7.63	05	4	1	*11*	6505	45.3	−15 8	7.3	6.54	05	8	1	42
“	“	“ “	“	7.43	05b	2	“	09	“	“	“ “	“	6.77	05b	2	“	19
5102	43.1	+35 24	8.5	8.74	07	7	1	*02*	6506	45.3	−15 32	7.5	7.62	05	4	1	*16*
4886	43.1	+15 17	9.0	9.42	09	4	1	*18*	“	“	“ “	“	7.46	05b	2	“	00
4887	43.2	+15 23	8.9	8.76	09	4	1	18	*4784*	45.5	+ 2 4	9.3	10.06	08	4	20	. .
6170	43.2	− 9 48	8.7	9.06	01	3	1	25	*6519*	45.6	−18 51	7.3	7.16	05	4	1	*07*
4772	43.3	+ 1 57	9.5	10.46	08	4	20	. .	“	“	“ “	“	7.17	05b	2	“	*08*
6086	43.4	− 6 56	6.3	6.17	07b	3	12	10	5060	45.7	+ 4 37	9.5	10.46	00	1	9	. .
“	“	“ “	“	6.27	07c	3	“	00	“	“	“ “	“	10.68	01	2	“	. .
5104	43.5	+35 23	8.5	9.42	07	7	1	*10*	4724	45.8	+ 2 23	9.0	9.30	00	1	9	. .
4773	43.7	+ 1 39	7.7	6.40	00	2	1	02	“	“	“ “	“	9.44	01	2	“	. .
“	“	“ “	“	6.43	01g	2	“	*01*	“	“	“ “	“	9.82	08	4	20	. .
“	“	“ “	“	6.52	07b	3	12	*10*	4786	46.0	+ 1 41	7.5	7.07	06	2	1	15
“	“	“ “	“	6.60	07c	3	“	*18*	“	“	“ “	“	7.06	06b	2	“	16
“	“	“ “	“	6.63	08	4	20	*21*	“	“	“ “	“	7.04	08	4	20	18
6553	43.7	−14 43	9.0	9.20	05	4	1	11	4898	46.1	+ 3 21	9.5	10.83	00	1	9	. .
4570	43.8	− 0 6	8.7	9.23	99	1	25	. .	“	“	“ “	“	11.04	01	2	“	. .
832	43.9	+82 14	8.8	8.25	01	7	7	. .	5060	46.2	+ 0 31	9.5	9.75	00	1	9	. .
4644	43.9	+28 44	9.5	10.44	07	3	23	. .	“	“	“ “	“	10.32	01	2	“	. .
4718	43.9	+ 2 37	8.5	8.45	08	4	20	. .	*5021*	46.3	+35 10	9.0	8.92	07	3	1	00
4774	43.9	+ 1 52	8.7	9.00	06	4	19	. .	740	46.5	+82 21	9.0	9.22	01	6	7	. .
“	“	“ “	“	9.53	06b	3	“	. .	5162	46.6	+40 17	9.0	9.42	10	5	7	20
“	“	“ “	“	9.08	07	6	“	. .	2630	46.6	+60 30	9.5	9.82	05	1	25	. .
“	“	“ “	“	9.26	07b	6	“	. .	“	“	“ “	“	9.85	05b	1	“	. .
“	“	“ “	“	9.09	08	4	20	. .	*3102*	46.8	+57 10	9.4	9.54	07	4	3	. .
2777	44.0	+59 25	6.5	6.28	07b	3	12	10	3036	46.8	+55 22	8.8	8.62	02	3	1	*01*
“	“	“ “	“	6.28	07c	3	“	10	“	“	“ “	“	8.53	02g	3	“	08
5204	44.0	+ 6 25	9.5	10.12	05	4	25	. .	“	“	“ “	“	8.42	05	6	“	19

D.M.	R.A. 1900.		Dec. 1900.		D.M. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Rem.
	h.	m.	°	′						
	23	46.8	−16	25	.	12.59	05	6	3	..
2822		46.9	−57	25	9.4	9.68	09	4	7	..
2823		46.9	−58	10	9.5	9.58	09	4	7	..
4725		46.9	− 2	23	6.5	5.65	00i	1	1	20
“		“	“	“	“	5.91	00gi	1	“	*06*
		46.9	−16	49	..	12.06	05	6	3	..
[illegible]		47.1	−77	3	6.9	6.45	07b	3	12	04
“		“	“	“	“	6.59	07c	3	“	*10*
[illegible]		47.1	−40	10	8.7	9.03	10	5	7	*26*
6380		47.2	−16	26	9.8	10.68	05	6	3	..
741		47.4	−83	6	9.5	10.77	01	12	7	..
6515		47.4	−14	48	6.2	6.65	03	1	25	*65*
[illegible]		47.5	−16	55	7.3	7.67	05	4	3	05
“		“	“	“	“	7.84	05b	2	“	*12*
742		47.6	+82	49	9.3	9.17	01	6	7	..
6276		47.6	− 9	42	8.8	9.16	01	3	1	*10*
6567		47.7	−14	39	8.2	8.43	05	4	1	*07*
6837		47.7	−17	17	8.7	9.03	05	6	3	..
..		47.8	−16	27	..	12.06	05	6	3	..
2634		48.0	+60	27	9.0	8.22	05	2	24	..
“		“	“	“	“	8.89	05b	2	“	..
2825		48.0	+57	59	9.1	8.97	09	4	7	..
5014		48.0	+30	10	8.0	8.32	10	4	7	09
4792		48.0	+ 1	32	7.2	6.24	00	4	1	00
“		“	“	“	“	6.09	00g	5	“	15
“		“	“	“	“	5.89	00i	2	“	35
“		“	“	“	“	6.38	00gi	1	“	*14*
“		“	“	“	“	6.15	01g	1	“	09
6381		48.1	−16	33	9.3	9.94	05	6	3	..
3105		48.6	+56	25	9.1	9.04	07	4	3	..
3106		48.6	+56	16	8.0	8.72	02	6	16	..
3040		48.6	+56	3	9.4	10.51	02	6	16	..
6383		48.6	−16	26	8.9	9.90	05	6	3	..
4188		48.7	+48	29	9.5	9.92	05	6	3	..
4311		48.7	+48	4	8.4	8.96	05	6	3	..
5020		48.8	+30	12	8.0	8.03	10	4	7	*02*
6192		48.9	− 9	51	7.8	7.39	01	3	1	02
4903		49.0	+15	20	8.2	8.47	01	6	5	*23*
4796		49.0	+ 1	50	9.3	9.89	00	3	9	..
3110		49.1	+56	39	8.7	8.39	07	4	3	..
3247		49.2	+53	15	9.4	9.69	05	6	4	..
4901		49.2	+ 3	48	9.5	10.14	00	1	9	..
“		“	“	“	“	10.34	01	2	“	..
4190		49.3	+48	22	7.7	8.21	05	6	3	..
4799		49.3	+ 1	55	8.2	8.03	07	3	19	..
“		“	“	“	“	7.46	07b	3	“	..
3111		49.4	+56	57	5.0	4.62	03b	1	13	23
“		“	“	“	“	4.69	03c	1	“	16
“		“	“	“	“	4.82	04b	2	“	03
“		“	“	“	“	5.31	04c	2	“	*46*
..	23	49.5	−56	54	..	11.71	07	4	3	..
3555		49.6	−53	9	9.1	9.34	05	6	4	..
5067		49.6	− 0	27	9.5	10.31	00	1	9	..
“		“	“	“	“	10.44	01	2	“	..
4316		49.7	−48	1	9.5	10.33	05	6	3	..
2638		49.8	−60	16	9.2	9.28	09	7	1	*07*
..		49.8	−57	1	..	9.82	07	4	3	..
4519		49.8	+45	13	8.8	9.46	07	3	1	01
“		“	“	“	“	9.64	07b	2	“	*17*
4729		49.8	− 2	45	9.3	9.58	00	1	9	..
“		“	“	“	“	9.68	01	2	“	..
3112		49.9	−56	24	8.4	8.66	02	6	16	..
..		49.9	−53	16	..	10.19	05	6	4	..
4520		49.9	+44	50	8.5	8.16	07	3	18	..
“		“	“	“	“	8.40	07b	3	“	..
5071		49.9	−14	24	8.7	8.88	01	6	5	..
5068		49.9	+ 4	19	9.5	10.81	00	1	9	..
“		“	“	“	“	10.80	01	2	“	..
3113		50.0	+56	33	9.0	8.92	07	4	3	..
3252		50.0	+53	21	9.5	10.38	05r	5	4	..
2828		50.1	+57	38	8.8	8.97	09	4	7	..
2829		50.2	+57	32	7.2	7.28	08	2	19	30
“		“	“	“	“	7.36	08b	2	“	22
..		50.2	+53	11	..	10.99	05	6	4	..
..		50.2	+53	2	..	10.99	05	6	4	..
2789		50.3	+60	14	9.4	9.49	09	7	1	*03*
3044		50.3	+55	56	8.9	9.41	02	7	16	..
..		50.3	+53	10	..	11.46	05	6	4	..
5042		50.3	+25	24	6.3	6.34	05	4	3	33
3045		50.4	+55	53	8.9	9.20	02	6	16	..
4193		50.4	+48	23	8.0	7.84	05	6	3	..
4320		50.4	+48	2	9.3	9.88	05	6	3	..
5133		50.4	+35	24	8.1	8.24	07	3	1	08
3115		50.5	+56	53	7.5	6.04	07b	3	12	01
“		“	“	“	“	5.88	07c	3	“	17
4321		50.5	+48	8	9.4	9.88	05	6	3	..
..		50.5	+48	5	..	10.71	05	6	3	..
..		50.6	+53	8	..	12.16	05	8	4	..
4905		50.6	+16	2	9.5	10.88	01	6	5	..
6287		50.6	− 9	37	8.0	7.49	01	6	4	*16*
6579		50.6	−14	31	7.5	7.27	05	2	1	*05*
3046		50.7	+56	14	9.2	9.42	02	6	16	..
4644		50.9	+27	58	9.3	9.49	07	6	23	..
4907		50.9	+15	44	8.8	8.93	01	6	5	..
..		51.1	+56	20	..	12.60	02	7	16	..
3047		51.1	+56	10	8.7	8.80	02	6	16	..
..		51.2	+56	7	..	11.56	02	6	16	..
..		51.3	+56	13	..	13.25	02	1	16	..
..		51.3	+55	55	..	12.28	02	7	16	..
4324		51.3	+48	9	9.0	9.83	05	6	3	..

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
6291	23 51.3	− 9 17	9.2	9.79	01	6	4	..
..	51.4	+56 11	..	13.18	02	7	16	..
..	51.4	+56 0	..	12.46	02	6	16	..
3052	51.4	+55 43	9.3	9.72	02	6	16	..
3053	51.5	+55 59	9.5	10.36	02	6	16	..
4327	51.5	+47 54	8.9	9.53	05	6	3	..
5029	51.5	+30 13	9.1	9.44	10	4	7	*18*
3054	51.6	+56 11	9.5	10.15	02	6	16	..
“	“	“ “	“	10.78	02g	2	“	..
..	51.7	+56 10	..	11.56	02r	5	16	..
3055	51.9	+55 17	7.5	6.75	05	6	1	26
3564	52.0	+53 12	8.8	8.85	05	6	4	..
5194	52.0	+40 2	7.9	8.30	10	5	7	02
4910	52.0	+15 29	9.5	11.13	01	12	5	..
2792	52.1	+60 5	9.4	9.52	09	7	1	09
4652	52.2	+27 52	9.0	9.32	07	6	23	..
5077	52.2	+15 4	7.9	7.45	01	6	5	29
..	52.3	− 9 29	..	12.91	01	7	4	..
6206	52.3	−10 12	7.8	8.24	01	3	1	*41*
2831	52.4	+57 19	8.7	9.08	07	4	3	..
4337	52.6	+47 52	8.5	9.59	05	6	3	..
3119	52.7	+56 34	7.7	7.35	07	4	3	..
3058	52.7	+55 20	8.8	8.74	02r	2	1	*28*
“	“	“ “	“	8.49	02g	3	1	*03*
“	“	“ “	“	8.52	05	12	“	*06*
“	“	“ “	“	8.35	07	5	“	11
3567	52.7	+53 1	9.0	9.46	05	6	4	..
4865	52.7	+24 35	4.3	4.77	03b	3	13	*02*
“	“	“ “	“	5.00	03c	3	“	*25*
..	52.7	− 9 29	..	12.75	01	7	4	..
3568	52.8	+53 46	9.2	9.62	05	6	4	..
..	52.8	− 9 22	..	11.71	01	6	4	..
..	52.8	− 9 35	..	12.75	01	11	4	..
4914	52.9	+15 49	9.5	11.34	01	12	5	..
3569	53.0	+52 37	8.7	9.16	05	6	4	..
4197	53.0	+50 41	9.3	9.85	98	7	2	*05*
“	“	“ “	“	10.08	09	6	“	*28*
5072	53.0	+ 0 26	9.5	10.02	00	1	9	..
“	“	“ “	“	10.13	01	2	“	..
..	53.0	− 9 24	..	12.36	01	6	4	..
4200	53.1	+51 11	9.4	9.80	98	4	25	..
“	“	“ “	“	10.03	09	1	“	..
..	53.1	+50 54	..	12.44	98	6	2	..
“	“	“ “	“	12.51	09	6	“	..
4291	53.1	+49 53	6.7	6.77	98	5	2	06
..	53.2	+50 53	..	13.14	98	1	2	..
..	53.2	+50 42	..	10.73	98	1	2	..
“	“	“ “	“	11.32	09	6	“	..
5076	53.2	+ 5 6	9.0	9.34	00	2	1	06
“	“	“ “	“	9.20	00g	2	“	20

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	23 53.2	+ 5 6	9.0	9.06	01	2	1	34
“	“	“ “	“	9.10	01g	2	“	30
4201	53.3	+50 50	9.5	11.10	98	6	2	..
“	“	“ “	“	11.55	09	6	“	..
4809	53.3	+ 1 35	9.3	9.59	00	1	9	..
“	“	“ “	“	9.54	01	2	“	..
6208	53.3	− 9 58	9.5	10.78	01	6	4	..
6588	53.4	−14 41	7.0	7.18	05	6	4	00
2797	53.5	+60 8	8.2	8.06	08	4	1	05
“	“	“ “	“	7.98	09	7	“	13
..	53.5	+50 48	..	12.40	98	5	2	..
“	“	“ “	“	12.46	09	6	“	..
4203	53.5	+50 46	9.0	9.17	98	8	2	01
“	“	“ “	“	9.18	09	6	“	00
5077	53.5	+ 4 37	9.5	10.07	00	1	9	..
“	“	“ “	“	10.24	01	2	“	..
..	53.6	+50 54	..	13.46	98	3	2	..
4294	53.6	+50 9	9.0	9.32	05	5	1	*10*
3570	53.7	+52 50	7.5	7.74	05	4	1	00
“	“	“ “	“	7.78	05b	2	“	*04*
..	53.7	+51 13	..	11.44	09	1	2	..
5066	53.7	+30 16	8.1	8.25	10	4	7	11
6295	53.7	− 9 23	8.5	9.12	01	7	4	..
..	53.8	+50 45	..	10.91	98	7	2	..
“	“	“ “	“	11.02	09	6	“	..
5050	53.8	+26 5	8.3	9.08	08	2	19	..
“	“	“ “	“	9.17	08b	2	“	..
4868	53.8	+24 55	8.5	9.28	05	6	3	..
4916	53.8	+15 17	8.8	9.02	99	6	25	*10*
“	“	“ “	“	8.80	00	6	“	12
“	“	“ “	“	8.76	00g	6	“	16
“	“	“ “	“	8.92	01	12	R	00
“	“	“ “	“	8.80	01g	6	“	12
3082	53.9	+55 12	5.0	4.65	98	1	25	28
“	“	“ “	“	5.15	03b	1	13	*22*
“	“	“ “	“	5.21	03c	1	“	*28*
“	“	“ “	“	5.03	04b	1	“	*10*
“	“	“ “	“	5.16	04c	1	“	*23*
3750	53.9	+51 16	8.5	8.92	98	5	2	*20*
“	“	“ “	“	8.90	09	6	“	*18*
5202	53.9	+40 14	8.2	8.64	10	5	7	*27*
4869	53.9	+25 2	8.9	9.46	05	6	3	..
..	54.0	+50 49	..	11.64	98	7	2	..
“	“	“ “	“	11.89	09	6	“	..
5052	54.0	+25 25	9.3	10.92	05	6	3	..
6296	54.0	− 9 3	7.8	8.35	01	6	4	..
744	54.1	+82 30	9.3	9.60	01	6	7	..
3064	54.1	+55 24	8.5	8.73	02	3	1	*32*
“	“	“ “	“	8.35	02g	3	“	06
“	“	“ “	“	8.55	05	12	“	*14*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	23 54.1	+55 24	8.5	8.42	07	5	1	*01*
..	54.1	+50 53	..	10.76	98	7	2	..
“	“	“ “	“	10.84	09	6	“	..
..	54.1	+50 47	..	12.28	98	1	2	..
3575	54.2	+53 1	7.3	7.19	05	5	1	*19*
“	“	“ “	“	7.35	05b	1	“	*35*
4297	54.2	+49 58	7.2	7.30	98	6	2	07
“	“	“ “	“	7.15	05	4	1	22
“	“	“ “	“	7.46	05b	2	“	*09*
“	“	“ “	“	7.13	09	8	2	24
..	54.2	+25 23	..	12.88	05	6	3	..
5227	54.2	+ 6 19	4.4	4.00	03b	1	13	03
“	“	“ “	“	4.01	03c	3	“	02
“	“	“ “	“	3.97	03d	2	“	06
4914	54.2	+ 3 41	9.0	10.23	00	1	25	..
4915	54.2	+ 3 29	9.3	10.16	01	2	9	..
“	“	“ “	“	10.56	01g	2	“	..
3127	54.3	+57 7	7.4	7.27	05	4	1	01
“	“	“ “	“	7.00	05b	2	“	28
4298	54.3	+49 57	7.7	8.05	98	6	2	11
“	“	“ “	“	7.96	05	5	1	20
“	“	“ “	“	8.02	09	8	2	14
..	54.3	+25 10	..	11.38	05	6	3	..
6209	54.3	− 9 50	9.5	10.33	01	6	4	..
4208	54.5	+50 17	7.2	7.41	98	7	2	*24*
“	“	“ “	“	7.16	05	4	1	01
“	“	“ “	“	7.14	05b	2	“	03
“	“	“ “	“	7.18	09	8	2	*01*
4742	54.5	+ 2 54	9.3	10.29	00	1	9	..
“	“	“ “	“	10.38	01	2	“	..
2651	54.6	+60 17	9.1	9.50	08	4	1	*14*
“	“	“ “	“	9.47	09	7	“	*11*
2803	54.6	+59 45	8.5	8.23	06	4	17	..
“	“	“ “	“	8.16	06b	4	“	..
..	54.6	+25 5	..	11.22	05	2	3	..
4917	54.6	+15 24	9.3	11.18	01	6	5	..
..	54.7	+25 10	..	12.44	05	4	3	..
745	54.8	+82 15	9.5	10.30	01	12	7	..
“	“	“ “	“	10.81	01g	2	“	..
..	54.8	+25 23	..	11.53	05	6	3	..
4871	54.8	+25 7	9.0	9.09	05	6	3	07
4872	54.8	+24 40	9.0	8.85	05	6	3	..
..	54.9	+25 25	..	11.17	05	6	3	..
6527	54.9	−15 22	9.0	9.81	05	6	4	..
4813	55.0	+33 38	8.3	8.42	08	2	19	..
“	“	“ “	“	8.69	08b	2	“	..
3091	55.1	+55 9	9.0	9.20	02	3	1	31
“	“	“ “	“	9.21	02g	4	“	30
“	“	“ “	“	9.13	05r	5	“	38
“	“	“ “	“	8.99	07	5	1	52
4303	23 55.1	+50 14	8.5	8.47	05	5	1	31
..	55.2	+25 15	..	10.63	05	6	3	..
4727	55.3	+26 22	6.5	6.50	07b	3	12	*12*
“	“	“ “	“	6.45	07c	3	“	*07*
6301	55.3	− 9 39	8.9	9.47	01	3	1	19
6528	55.3	−15 3	8.5	8.89	05	6	4	..
5055	55.4	+25 17	7.8	8.29	05	5	3	*18*
2685	55.5	+59 1	6.3	6.13	07b	3	12	24
“	“	“ “	“	6.29	07c	3	“	08
..	55.5	+25 15	..	12.37	05	6	3	..
3093	55.6	+55 9	9.0	9.19	02	3	1	*18*
“	“	“ “	“	9.01	02g	3	“	00
“	“	“ “	“	9.13	05r	5	1	*12*
“	“	“ “	“	9.05	07	5	“	*04*
..	55.6	+25 27	..	12.30	05	6	3	..
5082	55.6	+14 29	8.9	9.19	01	6	5	..
4538	55.7	+44 42	6.0	6.21	08	1	19	04
“	“	“ “	“	6.53	08b	1	“	*28*
4307	55.8	+50 9	9.0	9.41	05	5	1	*09*
..	55.8	+25 19	..	12.49	05	6	3	..
4752	56.2	+32 35	8.4	8.09	10	4	7	..
4309	56.3	+49 25	6.5	6.28	98	1	2	08
5215	56.3	+40 15	8.5	8.53	10	5	7	24
5046	56.4	+30 11	7.8	7.99	10	4	7	02
4876	56.6	+25 13	9.5	10.11	05	6	3	..
5020	56.7	+32 4	9.5	10.89	10	4	7	..
6345	56.8	− 6 35	5.0	4.28	03b	3	13	38
“	“	“ “	“	4.40	03c	3	“	26
6529	56.8	−15 32	9.1	9.99	05	6	4	..
5208	56.9	+39 29	9.0	9.98	10	5	7	..
6530	57.0	−15 45	9.5	10.84	05	6	4	..
5210	57.1	+39 54	9.4	10.56	10	5	7	..
..	57.1	−15 7	..	12.11	05	6	4	..
3098	57.2	+54 52	9.1	9.34	05	6	3	..
4755	57.2	+32 24	8.5	8.69	10	4	7	..
4921	57.2	+ 3 56	9.3	10.01	00	1	9	..
“	“	“ “	“	10.14	01	2	“	..
6309	57.2	− 9 44	8.0	8.48	01	3	1	23
..	57.2	−15 40	..	12.53	05	6	4	..
3099	57.3	+55 4	9.5	9.81	05	6	3	..
4878	57.4	+24 35	8.3	9.11	05	6	3	..
3101	57.5	+55 2	8.3	8.12	05	6	3	..
4746	57.5	+ 2 44	9.3	10.16	00	2	9	..
“	“	“ “	“	10.34	01	1	“	..
..	57.5	−15 22	..	11.94	05	6	4	..
4315	57.6	+50 11	9.0	9.71	05	5	1	*19*
4667	57.6	+27 59	8.0	8.37	08	2	19	..
“	“	“ “	“	8.52	08b	2	“	..
4818	57.7	+42 58	8.3	8.84	07	4	3	..
6532	57.7	−15 36	8.3	8.85	05	6	4	*12*

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
5211	23 57.9	+39 54	8.3	8.40	10	5	7	..
5212	57.9	+39 24	8.7	9.08	10	5	7	..
5213	57.9	+39 27	8.0	8.00	10	6	7	..
5023	57.9	+32 7	9.5	9.80	10	4	7	..
4821	57.9	+ 1 48	9.3	9.64	00	2	9	..
"	"	" "	"	9.38	01	1	"	..
4819	58.1	+43 5	7.5	8.04	07	4	3	*01*
..	58.2	+55 9	..	11.84	05	6	3	..
..	58.2	+55 7	..	10.42	05	12	3	..
..	58.2	+42 55	..	11.35	07	4	3	..
4757	58.2	+32 31	9.0	9.50	10	4	7	..
2356	58.3	+63 5	6.5	6.20	07b	3	12	06
"	"	" "	"	6.29	07c	3	"	*03*
..	58.4	+55 14	..	10.24	05	6	3	..
..	58.4	+55 8	..	10.96	05	6	3	..
5084	58.4	+ 4 45	9.5	10.46	00	2	9	..
"	"	" "	"	10.73	01	1	"	..
..	58.4	−15 11	..	12.54	05	6	4	..
..	58.4	−15 14	..	12.33	05	6	4	..
..	58.5	+43 1	..	11.20	07	4	3	..
6533	58.5	−15 26	9.6	10.68	05	6	4	..
..	58.6	+54 58	..	10.50	05	6	3	..
6417	58.6	−17 54	4.7	4.79	03b	3	13	*17*
"	"	" "	"	4.75	03c	3	"	*13*
2823	58.7	+60 6	9.3	9.57	08	4	1	04
4614	58.7	+ 0 13	9.3	10.14	00	2	9	..
"	"	" "	"	10.32	01	1	"	..
..	58.8	+39 33	..	12.24	10	5	7	..
..	58.8	+39 29	..	10.74	10	5	7	..
4759	58.8	+32 56	8.9	8.82	10	5	7	..
	h. m.	° ′						
..	23 58.9	+39 34	..	12.14	10	5	7	..
3105	59.0	+55 9	9.5	9.96	05	6	3	..
..	59.0	+39 38	..	12.25	10	4	7	..
..	59.0	+39 37	..	11.40	10	4	.7	..
6534	59.0	−15 40	9.0	9.64	05	6	4	..
..	59.1	+55 4	..	10.46	05	6	3	..
4620	59.1	+43 15	8.7	9.13	06	4	17	..
"	"	" "	"	9.24	06b	4	"	..
..	59.1	+39 29	..	11.39	10	4	7	..
4823	59.2	+43 3	8.6	8.84	07	4	3	..
5215	59.2	+39 55	9.5	10.32	10	4	7	..
..	59.2	+39 37	..	11.96	10	4	7	..
6221	59.2	− 9 48	8.5	9.04	01	3	1	27
4824	59.3	+43 3	9.4	10.15	07	4	3	..
..	59.3	+43 1	..	9.37	07	4	3	..
..	59.4	+43 1	..	11.82	07	4	3	..
4825	59.4	+43 0	9.0	10.52	07r	4	3	..
4827	59.5	+43 0	8.4	8.40	05	4	24	..
"	"	" "	"	8.70	05b	4	"	..
4828	59.6	+34 7	6.3	6.15	07b	3	12	08
"	"	" "	"	6.22	07c	3	"	01
"	"	" "	"	6.28	08	1	19	*05*
"	"	" "	"	6.26	08b	3	"	*03*
4624	59.7	+43 25	8.1	8.27	07	4	3	..
..	59.7	+42 57	..	10.50	07	4	3	..
4327	59.8	+50 5	9.2	9.84	98	1	25	..
..	59.8	+39 32	..	10.85	10	4	7	..
4762	59.9	+32 38	9.3	9.88	10	4	7	..
4744	59.9	+27 7	6.8	6.62	08	2	19	*05*
"	"	" "	"	6.44	08b	2	"	13

REMARKS.

h. m.

0 44.6a. 0^h 44^m.6b follows 3^s, north 0′.5.

0 50.7b. On J. D. 6790, two observations with shade c. Measures discordant, perhaps due to a passing cloud.

0 59.6a. Measures on different nights discordant.

1 0.6. Group numbers, 11 and 25.

1 5.1a. Group numbers, 11 and 25.

1 10.2a. 1^h 10^m.2b follows 2^s, north 0′.1.

1 49.5c. Suspected of variation which is not confirmed by these observations, or by visual estimates on several nights.

1 49.5d. Group numbers, 4 and 25.

h. m.

1 50.5a. See 1^h 49^m.5c.

1 56.5. In H.A. **54**, 25, magn. 8.46.

1 57.2a. +12° 271, magn. 6.5. The same object as 1^h 57^m.2b.

2 6.0a. This is the preceding of three stars in a line, of which the last is +11° 291.

2 20.0. In H.A. **24**, 11, and **54**, 29, for magn. 9.28 read 8.28.

2 23.6b. +34° 446 follows 54^s, north 12′.5.

2 33.3a. The position should be R.A. =2^h 33^m.5, Dec. =+41° 43′.

2 33.6b. 2^h 33^m.6c follows 1^s, north 0′.0.

h. m.
2 38.4. The position should be R.A. $=2^h 38^m.3$, Dec. $=+47° 24'$.
2 38.6a. The position should be R.A. $=2^h 38^m.4$, Dec. $=+47° 37'$.
2 39.6a. +48° 756 follows 34^s, south 1′.5.
2 44.3. +42° 638 precedes 14^s, south 6′.5.
2 45.7b. +45° 663 precedes $2^m 14^s$, north 1′.0.
2 47.1. Measures on different nights discordant.
2 48.4. Measures on different nights discordant.
2 50.9. Measures in 1901, discordant.
3 4.9. Group numbers, 19 and 20.
3 9.8. This star is in both H.A. **50** and **54**.
3 41.5e. Group numbers, 13 and 15.
3 43.2b. Group numbers, 13 and 15.
3 55.5a. Group numbers, 1 and 20.
3 56.4. Group numbers, 1 and 20.
4 4.5. The right ascension should be $4^h 4^m.7$.
4 13.1b. The right ascension should be $4^h 13^m.3$,
4 15.7b. On J. D. 5790, the measures of the comparison stars for W Tauri were discordant, and have been rejected.
4 22.9b. Star near reflection of principal image of $4^h 23^m.4$.
4 32.0b. In H.A. **24**, 31, and **54**, 51, for magn. 8.91 read 9.91.
4 43.3. The position should be R.A. $=4^h 43^m.2$, Dec. $=+80° 6'$.
4 45.2a. The position should be R.A. $=4^h 45^m.6$, Dec. $=+80° 2'$.
4 50.3. The position should be R.A. $=4^h 49^m.5$, Dec. $=+80° 6'$.
4 50.7a. The right ascension should be $4^h 50^m.9$.
4 55.3c. $4^h 55^m.3$d follows $1^s.0$, north 0′.0.
4 58.2b. In H.A. **54**, 55, magn. 9.06.
4 59.8b. $4^h 59^m.8$c follows $4^s.3$, north 0′.2.
5 11.3a. The right ascension should be $5^h 11^m.1$.
5 26.1. Group numbers, 1 and 4.
5 26.9. −0° 983, magn. 2.0. The combined light of H.R. 1851 and 1852.
5 33.2. Group numbers, 12 and 19.
5 56.8c. The declination should be +22° 18′.
6 20.8c. Group numbers, 12 and 18.
6 33.8b. Group numbers, 4 and 6.
6 41.3a. N. G. C. 2281.
6 46.7b. The tenth of the magnitude in the Bonn Durchmusterung is illegible.
7 37.3b. In H.A. **54**, 88, for $7^h 37^m.2$ read $7^h 37^m.3$, and for −14° 35′ read −14° 45′.
7 49.3c. Group numbers, 4 and 25.
7 55.8. This star is in both H.A. **50** and **54**.
8 3.1b. C. DM. −22° 5692, magn. 9.7.
8 3.2. C. DM. −22° 5694, magn. 9.8.
8 3.4. C. DM. −22° 5699, magn. 10.
8 3.5. C. DM. −22° 5700, magn. 10.
8 49.9a. Group numbers, 9 and 25.
9 13.7. In H.A. **24**, 108, and **54**, 107, for magn. 8.62, read 9.62.
11 23.3. Group numbers, 19 and 20.

h. m.
11 37.0. This star is in both H.A. **50** and **54**.
12 30.1a. +19° 2584, magn. 4.3, denotes the combined light of $12^h 30^m.1$a and $12^h 30^m.1$b.
12 32.3a. Group numbers, 5 and 25.
13 24.4b. In H.A. **24**, 163 and **54**, 148, for magn. 9.21 read 8.21.
13 40.6b. Group numbers, 19 and 20.
14 9.9b. This star is in both H.A. **50** and **54**.
15 8.3b. Group numbers, 19 and 20.
15 44.9c. In Bonn. Beob. Vol. VIII, p. 52, −1°434, magn. 9.2. Not in Vol. III.
15 45.6c. In Bonn. Beob. Vol. VIII, p. 52, −1° 436, magn. 9.5. Not in Vol. III.
16 4.3. Group numbers, 12 and 19.
16 11.5. As $16^h 11^m.5$, $16^h 11^m.7$c, $16^h 12^m.2$d, $16^h 12^m.4$b, $16^h 12^m.5$c and $16^h 12^m.6$b, are 2° south of the standard stars, a correction was applied for differential absorption.
16 29.6a. The measures of this and other comparison stars of R Draconis differ systematically in 1901 from those in 1899 and 1909.
17 11.8. Group numbers, 9 and 25.
17 25.3a. Group numbers, 12 and 19.
18 25.1a. Group numbers, 5 and 17.
18 26.1b. Group numbers, 9 and 25.
18 45.7a. Group numbers, 3 and 17.
18 46.2a. In H.A. **24**, 105, and **54**, 206, for magn. 7.62, read 8.62.
18 54.9b. C. DM. −22° 13522, magn. 9.1.
18 56.3e. C. DM. −22° 13539, magn. 9.5.
18 56.6d. $18^h 56^m.6$e follows 4^s, north 0′.3.
18 57.5e. C. DM. −22° 13560, magn. 9.7.
18 58.2d. C. DM. −22° 13571, magn. 9.7.
18 58.2e. C. DM. −22° 13574, magn. 8.7.
19 8.6d. Group numbers, 4 and 5.
19 20.4. Group numbers, 12 and 19.
19 46.2a. Group numbers, 5 and 25.
19 54.2a. $19^h 54^m.2$b follows 2^s, north 0′.7.
20 29.4a. Group numbers, 5 and 17.
20 32.8a. In H.A. **54**, 232, magn. 8.05.
20 42.0c. H.R. 7947. Fainter component of γ Delphini.
20 42.0d. H.R. 7948. Brighter component of γ Delphini.
20 42.8a. This star is +19° 4513, assuming an error of +2′.5 in the Bonn Durchmusterung.
20 50.4c. $20^h 50^m.4$d follows 6^s, north 0′.3.
20 59.7c. Group numbers, 12 and 19.
21 39.9a. $21^h 39^m.9$b follows 1^s, south 0′.8.
21 47.8. In H.A. **24**, 82, and **54**, 249, for magn. 8.67 read 9.67.
22 1.4f. In H.A. **24**, 57, and **54**, 251, for magn. 7.85 read 8.85.
22 18.3b. C.DM. −22° 15873, magn. 9.6.
22 18.4d. Not in Bonn Durchmusterung.
22 44.5b. Group numbers, 5 and 24.
22 57.9. Group numbers, 3 and 11.
23 53.8d. Group numbers, 5 and 25.
23 59.4b. See H.A. **47**, 97. Remark 222.

A list of the observations which are rejected for discordance is contained in Table II. The right ascension is given in the first column. The Julian Day, omitting the three left hand figures 241, is given in the second column. The number of the observation, when more than one was taken on the same evening, is given in the third column. When a shade was used, it is designated by a letter, as in the sixth column of Table I. The observed magnitude is given in the fourth column. Occasionally clouds were suspected by the observer, and this is probably often the explanation of the discordance, especially when several cases occurred on the same Julian Day. A variation in the artificial star is also a cause of discordance which could not be detected by the observer.

TABLE II.

DISCORDANT OBSERVATIONS.

R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.
h. m.				h. m.				h. m.				h. m.			
0 2.2a	7149	2	9.91	1 21.1a	6803	2	10.67	2 52.5	8297	1	9.69	4 54.2c	5775	4	10.95
14.0	5386	..	11.46	31.1a	8291	2	9.31	3 3.9c	5363	..	11.18	56.2b	“	2	10.87
14.1b	“	1	11.02	31.4	“	2	10.11	11.2b	8679	1	12.82	58.1a	7229	2	10.29
“	“	2	11.04	38.3	6090	2	13.35	“	“	2	13.59	5 0.2a	“	2	9.62
14.2	8245	2	9.22	“	6107	2	12.40	20.1b	8707	1	7.36	0.2b	5810	2	11.86
14.3a	5387	..	9.88	39.1a	“	1	11.92	21.9c	7217	2	9.82	0.6a	7229	2	9.73
“	5390	..	12.31	42.2	5403	3	11.15	29.3b	5427	..	11.37	0.8a	6874	1	12.14
18.4a	8616	1	11.53	57.0	5692	1	8.03	30.8	8341	2	7.01	“	“	2	12.34
21.6	7149	2	9.59	2 3.7	7177	2	11.75	34.0a	5433	..	10.05	0.8c	5810	1	8.46
22.3a	7581	1	7.11	12.5a	7185	2	9.08	41.6a	6145	2b	6.21	21.8b	6132	2	8.25
24.8a	7149	2	8.82	22.4c	5347	1g	7.73	“	6149	1c	7.55	26.5	7972	1b	6.92
27.5b	5673	2	11.38	“	“	2	7.73	43.6	6114	..	10.98	“	“	2c	6.39
35.0a	5691	..	8.62	22.8b	“	1g	8.53	“	6134	1	12.76	27.0	7997	1b	6.60
37.4b	6082	4g	9.36	“	“	2	8.50	“	“	2	12.84	“	“	2c	6.99
37.6a	6056	2	10.92	“	5362	..	9.81	43.9a	“	1b	10.72	28.1c	7972	1b	5.19
“	“	3	11.12	24.7	5347	1g	7.01	“	“	2	10.65	“	“	2c	3.94
37.6b	“	1	9.38	“	“	2	7.11	44.5	6497	.c	8.23	“	8339	..	5.87
38.0	6082	1	12.68	“	5392	..	7.08	54.0b	5403	..	11.77	30.3a	5777	3g	12.16
“	“	2	12.39	24.9	5347	1g	8.15	57.0c	5382	..	9.33	31.2c	“	2	12.27
38.4	5390	..	11.54	“	“	2	7.74	4 10.7c	6159	..	5.56	47.9b	6146	1	13.91
41.1b	“	..	12.37	25.7b	5314	2	12.29	22.9b	5381	.i	6.68	56.4	8371	2	9.97
43.7a	7168	1	8.52	“	5376	1	11.28	23.3b	5795	2	12.57	6 3.0b	8715	..	10.67
“	“	2	8.70	35.2b	6137	4	10.86	24.3a	“	3	13.06	13.9	6533	1	9.58
44.6b	7152	1	13.38	36.8a	5398	1	12.24	33.7	7202	..	8.54	“	“	2b	9.53
51.8b	8659	2	12.36	“	“	2g	12.34	38.0	5382	..	10.22	14.2	“	1	9.41
57.9b	6815	2	11.64	“	“	3	12.12	46.2c	6467	..	8.64	“	“	2b	9.84
58.4c	6809	1	11.64	“	“	4g	12.12	47.3	8360	1	7.22	16.6b	5451	..	8.50
58.9d	“	1	8.51	37.2	5720	..	9.55	52.0a	7216	1	10.21	40.7b	6519	1	8.08
1 12.2b	8617	2	13.35	37.5	“	..	10.44	“	“	2	10.32	42.3	6151	1	12.30
12.6c	6821	1	11.21	50.9	5383	..	11.30	54.2c	5775	3	10.80	“	“	2	12.20

R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.
h. m.				h. m.				h. m.				h. m.			
6 52.7	5096	..	12.38	13 57.7b	5548	g	9.97	17 27.4a	7788	2	9.60	18 25.4b	5962	2	9.96
52.9a	8386	2	11.12	14 5.0b	5883	2	11.79	27.9a	“	1	10.20	26.2	7797	1	10.73
53.2a	5096	..	10.36	21.8c	6989	2	9.68	“	“	2	10.08	26.6c	5959	2	7.64
57.2a	8739	2c	6.77	23.0a	6297	..	8.66	27.9b	“	1	11.08	27.4a	“	1	9.70
7 15.7	8006	1	11.92	29.0	5579	1	12.50	“	“	2	11.12	27.4b	“	1	9.96
16.1a	8388	2	11.59	31.4	“	1	13.03	27.9c	“	1	11.99	27.7b	“	1	9.72
29.7	5786	1	9.70	“	“	2	13.05	“	“	2	11.76	33.9	5969	3	11.33
30.1d	6911	2	8.65	48.6b	6647	2b	8.36	“	“	3	11.79	36.5b	“	2	8.98
36.0b	5810	2	11.61	51.2a	5561	3	8.94	28.0b	“	1	9.28	38.6c	8898	..	9.31
39.0	6528	3	11.53	56.5	6306	..	9.62	“	“	2	8.59	39.1b	8880	1	6.62
“	“	4	11.31	57.5b	“	..	9.62	28.2b	“	1	8.16	40.0c	8882	2	7.53
40.6a	6151	1	12.15	57.9b	“	..	3.52	“	“	2	8.04	42.9a	7417	2	9.52
“	“	2	12.03	15 26.8b	7377	1	11.59	28.3a	“	1	8.98	44.1b	8877	..	10.14
“	“	3	11.40	27.6b	“	1	11.70	“	“	2	8.98	45.6a	7417	2	9.39
45.8b	5456	..	10.68	30.2	7372	2	9.79	28.4b	“	1	11.72	58.7d	8940	1	8.97
49.3a	5474	..	11.28	33.2c	7384	..	7.83	“	“	2	11.91	19 8.4b	7411	..	10.13
55.5a	5790	..	8.12	34.6a	7372	2	9.57	28.4c	“	1	10.96	8.4d	7103	1	11.82
8 20.6b	6915	1	9.28	42.0	5899	..	10.03	“	“	2	10.69	10.3e	5632	1	11.54
25.3a	5451	..	10.50	42.1a	5547	2	9.77	28.4d	7788	1	9.14	10.6e	5613	1	12.24
35.0a	6954	1	9.51	46.0c	6300	..	9.19	“	“	2	8.90	“	“	2	12.57
35.0b	6955	1	9.83	“	6305	..	9.00	29.0a	“	1	8.03	11.2	8175	1	9.03
35.6b	7262	2	10.21	46.7	5943	1	11.79	“	“	2	8.10	“	“	2b	8.56
36.0	“	2	10.10	52.6c	5576	..	8.35	31.6	“	1	9.32	11.3a	5635	1	7.77
36.8b	“	2	9.89	59.3a	7403	2	7.33	“	“	2	9.28	“	“	2	7.14
37.4a	5823	1	10.75	16 0.7a	7040	..	9.97	32.2c	“	1	8.09	11.3b	“	..	8.44
“	“	2	10.60	4.2	7408	1	10.96	“	“	2	8.37	12.1c	7435	2	8.45
“	“	3	10.50	“	“	2	11.79	32.4a	7770	..	11.77	12.1d	5635	..	7.21
“	“	4	10.81	12.4b	5880	1	11.52	39.0	7788	1	8.70	13.4c	5619	..	9.52
9 38.4	5819	1	13.46	19.2	7405	1	9.95	“	“	2	8.89	13.8f	5285	3	9.54
44.5c	6581	2	10.33	20.5	6298	..	10.58	50.3a	8857	..	8.48	16.4b	5989	2g	7.80
44.7	“	2	9.83	20.8b	5939	1	9.74	51.7b	6720	1	8.14	16.6a	7473	..	12.22
54.2b	6199	1	12.96	“	“	2	9.44	53.8c	7432	2	8.79	16.8a	7481	..	11.42
10 14.5e	5508	..	9.90	21.0a	6298	..	9.64	55.0b	“	2	10.31	19.6a	8175	1	8.34
17.2	“	..	10.23	35.5b	8138	1	6.23	55.6a	5943	2	10.23	“	“	2b	8.63
17.3	“	..	10.13	47.8a	5557	2	11.96	55.8b	7432	2	10.02	44.2c	6341	1	12.88
18.1b	“	..	10.34	48.2	“	2	11.98	56.1	“	2	8.75	“	6345	1	11.77
47.6	5840	3	11.51	48.9	“	3	11.15	18 1.8e	8880	1	10.21	45.2a	8182	1	9.48
48.2b	“	2	11.09	“	“	4	11.44	11.9	5578	4g	7.42	“	“	2b	10.55
11 4.8b	5871	1	13.04	49.6b	6702	1	7.12	21.6	7797	1	10.03	46.8a	“	2b	8.87
16.6	5508	..	7.75	17 0.0	7046	4	10.28	22.3b	“	1	11.89	46.9c	5970	1	9.23
23.3	8088	..	6.66	0.7a	“	2	10.99	22.3c	“	1	12.01	52.8	7115	2	9.34
12 3.7	7342	4	14.04	0.8b	“	2	9.80	22.3d	“	1	9.74	56.3a	5611	1	9.69
28.0a	6967	1	8.16	“	“	3b	10.36	22.3e	6722	2	13.75	“	5613	1	10.63
“	“	2b	8.57	0.9	“	2	10.29	22.5b	7797	1	12.37	56.9b	5611	..	9.74
28.2	“	1	9.84	19.0a	7034	..	11.56	22.5c	“	1	8.40	“	5613	1	10.72
“	“	2b	10.19	21.4d	5964	2g	10.34	22.8a	“	1	10.30	57.2b	“	1	13.04
48.3	7708	1	9.38	22.4a	7034	..	10.78	22.8b	“	1	10.77	58.1	“	1	12.85
49.8b	“	1	9.03	25.2	7788	1	9.27	23.0	“	1	11.70	“	“	2	12.89
13 0.7	6987	2	8.93	“	“	2	9.32	23.3	“	1	9.61	58.2a	5611	1	9.02
56.8	5548	g	10.02	27.4a	“	1	9.66	25.4b	5962	1	9.95	“	5613	1	9.65

R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.	R. A.	J. D.	Obs.	Magn.
h. m.				h. m.				h. m.				h. m.			
19 58.2b	5611	..	11.51	20 6.8e	5644	2	11.21	20 48.6b	8568	2	10.92	21 35.0	7497	2b	7.86
"	5613	1	12.20	7.2f	"	1	8.92	48.9b	"	1	8.44	58.1c	5673	2	12.32
58.3b	"	1	10.81	"	"	3	8.89	"	"	2	8.46	22 3.6a	5659	2	9.72
58.4	"	1	12.53	"	"	4	8.85	49.0a	"	1	10.93	4.2	"	1	12.10
"	5635	1	11.40	8.7b	5655	1	9.68	"	"	2	11.24	"	"	2	11.87
58.6a	5613	1	11.32	8.9c	"	..	10.67	49.0b	"	1	11.73	6.7b	7146	..	10.17
58.6b	"	1	10.57	9.4c	"	..	10.83	"	"	2	12.03	6.8b	"	..	11.08
"	"	2	10.66	15.7	5644	..	9.59	49.1b	7111	1	10.23	8.7b	5669	1	7.38
58.7	"	1	11.71	19.4b	6728	..	11.44	49.1c	8568	1	12.00	"	"	2g	7.17
58.8a	"	1	10.87	20.9	6724	..	10.80	"	"	2	12.30	16.0a	7853	2	9.06
20 0.7c	7482	1	8.32	25.1c	5691	2g	9.58	49.2	"	1	12.50	18.1b	5682	..	9.70
"	"	2	7.96	29.8c	5709	..	10.02	"	"	2	12.76	30.5b	5691	..	11.35
"	"	3b	8.04	29.9a	7131	1	12.16	49.4a	"	1	12.22	37.7	5662	2	8.89
"	"	4	8.10	36.7b	5659	1	8.11	"	"	2	12.89	23 5.9b	5665	..	12.48
1.4a	8563	2	9.82	37.6a	"	..	11.34	50.2a	7118	..	9.04	13.4	5719	2	10.87
1.8c	6380	1	11.05	37.6b	"	2	10.13	54.0b	5699	..	10.09	50.0b	7175	1	9.56
2.9c	5655	1	8.43	39.3a	"	1	11.21	21 1.1b	5693	..	12.24	51.7	6052	1	13.14
3.5c	8555	1	11.07	"	"	2	10.57	5.8b	7126	..	10.95	"	"	2	13.00
"	8563	..	12.33	42.0c	6717	1	4.40	7.5b	7845	2	12.26	52.7b	6051	1	9.10
3.7a	6373	..	10.78	"	"	2	4.21	10.0a	4579	..	10.54	55.1a	7149	2	9.89
5.4a	5644	2	10.57	48.4b	8568	1	9.63	10.4b	5625	1	8.63	55.6a	"	2	9.83
6.0f	"	..	11.68	"	"	2	9.62	"	"	2g	8.51				
6.3b	"	3	12.58	48.6b	"	1	10.82	16.2c	5636	2	12.48				

END OF VOLUME LXXIV.

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
5042	23 40.7	+ 1 7	8.6	8.21	07	3	8	*07*
"	"	" "	"	8.31	08	4	1	*17*
3015	41.0	+56 8	9.5	10.46	05	6	4	. .
5048	41.3	+ 4 32	9.5	9.53	00	1	9	. .
"	"	" "	"	9.35	01	2	"	. .
4709	41.3	+ 2 56	6.2	5.50	00i	2	1	*20*
735	41.4	+82 15	8.2	7.66	01	7	7	. .
5046	41.4	+ 0 31	9.5	9.91	00	1	9	. .
"	"	" "	"	10.12	01	2	"	. .
4710	42.2	+ 2 20	8.5	8.31	05	2	17	. .
"	"	" "	"	8.37	05b	2	"	. .
"	"	" "	"	8.00	06	4	"	. .
"	"	" "	"	8.41	06b	4	"	. .
"	"	" "	"	8.11	08	4	20	. .
4997	42.3	+29 53	9.5	10.00	07	7	23	. .
4770	42.3	+ 2 11	8.7	9.45	08	4	20	. .
4771	42.6	+ 1 28	9.5	10.17	00	1	9	. .
"	"	" "	"	9.89	01	2	"	. .
4989	42.8	+16 32	7.8	8.16	09	8	25	. .
4990	42.8	+16 31	8.0	8.16	09	8	25	. .
4711	42.8	+ 2 35	9.3	9.82	00	1	9	. .
"	"	" "	"	10.28	01	2	"	. .
6819	43.0	−17 15	7.0	7.63	05	4	1	*11*
"	"	" "	"	7.43	05b	2	"	09
5102	43.1	+35 24	8.5	8.74	07	7	1	*02*
4886	43.1	+15 17	9.0	9.42	09	4	1	*18*
4887	43.2	+15 23	8.9	8.76	09	4	1	18
6170	43.2	− 9 48	8.7	9.06	01	3	1	25
4772	43.3	+ 1 57	9.5	10.46	08	4	20	. .
6086	43.4	− 6 56	6.3	6.17	07b	3	12	10
"	"	" "	"	6.27	07c	3	"	00
5104	43.5	+35 23	8.5	9.42	07	7	1	*10*
4773	43.7	+ 1 39	7.7	6.40	00	2	1	02
"	"	" "	"	6.43	01g	2	"	*01*
"	"	" "	"	6.52	07b	3	12	*10*
"	"	" "	"	6.60	07c	3	"	*18*
"	"	" "	"	6.63	08	4	20	*21*
6553	43.7	−14 43	9.0	9.20	05	4	1	11
4570	43.8	− 0 6	8.7	9.23	99	1	25	. .
832	43.9	+82 14	8.8	8.25	01	7	7	. .
4644	43.9	+28 44	9.5	10.44	07	3	23	. .
4718	43.9	+ 2 37	8.5	8.45	08	4	20	. .
4774	43.9	+ 1 52	8.7	9.00	06	4	19	. .
"	"	" "	"	9.53	06b	3	"	. .
"	"	" "	"	9.08	07	6	"	. .
"	"	" "	"	9.26	07b	6	"	. .
"	"	" "	"	9.09	08	4	20	. .
2777	44.0	+59 25	6.5	6.28	07b	3	12	10
"	"	" "	"	6.28	07c	3	"	10
5204	44.0	+ 6 25	9.5	10.12	05	4	25	. .
5223	23 44.0	+ 5 50	8.7	8.34	05	4	24	. .
"	"	" "	"	8.38	05b	4	"	. .
2653	44.3	+58 25	6.8	6.33	07b	3	12	11
"	"	" "	"	6.29	07c	3	"	15
5013	44.4	+35 7	9.0	9.15	07	7	1	02
4720	44.4	+ 2 26	9.0	9.87	08	4	20	. .
5054	44.4	+ 0 31	6.5	5.70	00i	1	1	07
"	"	" "	"	5.65	00gi	1	"	12
736	44.5	+82 26	8.5	8.43	01	6	7	. .
3053	44.6	+55 5	8.2	7.98	05	6	1	*07*
6503	44.8	−14 54	8.4	8.20	05	4	1	*05*
4723	44.9	+ 2 19	8.3	8.28	08	4	20	. .
4650	45.1	+28 57	9.3	9.99	07	3	23	. .
"	"	" "	"	9.81	08	3	"	. .
"	"	" "	"	10.56	08b	1	"	. .
4782	45.2	+ 1 43	9.5	10.00	00	1	9	. .
"	"	" "	"	10.26	01	2	"	. .
"	"	" "	"	10.74	08	4	20	. .
4783	45.2	+ 1 21	8.7	9.09	06	2	1	*15*
"	"	" "	"	9.10	06b	2	"	*16*
"	"	" "	"	9.00	07	4	"	*06*
"	"	" "	"	9.03	07b	4	"	*09*
6505	45.3	−15 8	7.3	6.54	05	8	1	42
"	"	" "	"	6.77	05b	2	"	19
6506	45.3	−15 32	7.5	7.62	05	4	1	*16*
"	"	" "	"	7.46	05b	2	"	00
4784	45.5	+ 2 4	9.3	10.06	08	4	20	. .
6519	45.6	−18 51	7.3	7.16	05	4	1	*07*
"	"	" "	"	7.17	05b	2	"	*08*
5060	45.7	+ 4 37	9.5	10.46	00	1	9	. .
"	"	" "	"	10.68	01	2	"	. .
4724	45.8	+ 2 23	9.0	9.30	00	1	9	. .
"	"	" "	"	9.44	01	2	"	. .
"	"	" "	"	9.82	08	4	20	. .
4786	46.0	+ 1 41	7.5	7.07	06	2	1	15
"	"	" "	"	7.06	06b	2	"	16
"	"	" "	"	7.04	08	4	20	18
4898	46.1	+ 3 21	9.5	10.83	00	1	9	. .
"	"	" "	"	11.04	01	2	"	. .
5060	46.2	+ 0 31	9.5	9.75	00	1	9	. .
"	"	" "	"	10.32	01	2	"	. .
5021	46.3	+35 10	9.0	8.92	07	3	1	00
740	46.5	+82 21	9.0	9.22	01	6	7	. .
5162	46.6	+40 17	9.0	9.42	10	5	7	20
2630	46.6	+60 30	9.5	9.82	05	1	25	. .
"	"	" "	"	9.85	05b	1	"	. .
3102	46.8	+57 10	9.4	9.54	07	4	3	. .
3036	46.8	+55 22	8.8	8.62	02	3	1	*01*
"	"	" "	"	8.53	02g	3	"	08
"	"	" "	"	8.42	05	6	"	19

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
. .	23 46.8	−16 25	. .	12.59	05	6	3	. .
2822	46.9	+57 25	9.4	9.68	09	4	7	. .
2823	46.9	+58 10	9.5	9.58	09	4	7	. .
4725	46.9	+ 2 23	6.5	5.65	00i	1	1	20
"	"	" "	"	5.91	00gi	1	"	*06*
. .	46.9	−16 49	. .	12.06	05	6	3	. .
934	47.1	+77 3	6.9	6.45	07b	3	12	04
"	"	" "	"	6.59	07c	3	"	*10*
5182	47.1	+40 10	8.7	9.03	10	5	7	*26*
6380	47.2	−16 26	9.8	10.68	05	6	3	. .
741	47.4	+83 6	9.5	10.77	01	12	7	. .
6515	47.4	−14 48	6.2	6.65	03	1	25	*65*
6836	47.5	−16 55	7.3	7.67	05	4	3	05
"	"	" "	"	7.84	05b	2	"	*12*
742	47.6	+82 49	9.3	9.17	01	6	7	. .
6276	47.6	− 9 42	8.8	9.16	01	3	1	*10*
6567	47.7	−14 39	8.2	8.43	05	4	1	*07*
6837	47.7	−17 17	8.7	9.03	05	6	3	. .
. .	47.8	−16 27	. .	12.06	05	6	3	. .
2634	48.0	+60 27	9.0	8.22	05	2	24	. .
"	"	" "	"	8.89	05b	2	"	. .
2825	48.0	+57 59	9.1	8.97	09	4	7	. .
5014	48.0	+30 10	8.0	8.32	10	4	7	09
4792	48.0	+ 1 32	7.2	6.24	00	4	1	00
"	"	" "	"	6.09	00g	5	"	15
"	"	" "	"	5.89	00i	2	"	35
"	"	" "	"	6.38	00gi	1	"	*14*
"	"	" "	"	6.15	01g	1	"	09
6381	48.1	−16 33	9.3	9.94	05	6	3	. .
3105	48.6	+56 25	9.1	9.04	07	4	3	. .
3106	48.6	+56 16	8.0	8.72	02	6	16	. .
3040	48.6	+56 3	9.4	10.51	02	6	16	. .
6383	48.6	−16 26	8.9	9.90	05	6	3	. .
4188	48.7	+48 29	9.5	9.92	05	6	3	. .
4311	48.7	+48 4	8.4	8.96	05	6	3	. .
5020	48.8	+30 12	8.0	8.03	10	4	7	*02*
6192	48.9	− 9 51	7.8	7.39	01	3	1	02
4903	49.0	+15 20	8.2	8.47	01	6	5	*23*
4796	49.0	+ 1 50	9.3	9.89	00	3	9	. .
3110	49.1	+56 39	8.7	8.39	07	4	3	. .
3247	49.2	+53 15	9.4	9.69	05	6	4	. .
4901	49.2	+ 3 48	9.5	10.14	00	1	9	. .
"	"	" "	"	10.34	01	2	"	. .
4190	49.3	+48 22	7.7	8.21	05	6	3	. .
4799	49.3	+ 1 55	8.2	8.03	07	3	19	. .
"	"	" "	"	7.46	07b	3	"	. .
3111	49.4	+56 57	5.0	4.62	03b	1	13	23
"	"	" "	"	4.69	03c	1	"	16
"	"	" "	"	4.82	04b	2	"	03
"	"	" "	"	5.31	04c	2	"	*46*
	h. m.	° ′						
. .	23 49.5	+56 54	. .	11.71	07	4	3	. .
3558	49.6	+53 9	9.1	9.34	05	6	4	. .
5067	49.6	+ 0 27	9.5	10.31	00	1	9	. .
"	"	" "	"	10.44	01	2	"	. .
4316	49.7	+48 1	9.5	10.33	05	6	3	. .
2638	49.8	+60 16	9.2	9.28	09	7	1	*07*
. .	49.8	+57 1	. .	9.82	07	4	3	. .
4519	49.8	+45 13	8.8	9.46	07	3	1	01
"	"	" "	"	9.64	07b	2	"	*17*
4729	49.8	+ 2 45	9.3	9.58	00	1	9	. .
"	"	" "	"	9.68	01	2	"	. .
3112	49.9	+56 24	8.4	8.66	02	6	16	. .
. .	49.9	+53 16	. .	10.19	05	6	4	. .
4520	49.9	+44 50	8.5	8.16	07	3	18	. .
"	"	" "	"	8.40	07b	3	"	. .
5071	49.9	+14 24	8.7	8.88	01	6	5	. .
5068	49.9	+ 4 19	9.5	10.81	00	1	9	. .
"	"	" "	"	10.80	01	2	"	. .
3113	50.0	+56 33	9.0	8.92	07	4	3	. .
3252	50.0	+53 21	9.5	10.38	05r	5	4	. .
2828	50.1	+57 38	8.8	8.97	09	4	7	. .
2829	50.2	+57 32	7.2	7.28	08	2	19	30
"	"	" "	"	7.36	08b	2	"	22
. .	50.2	+53 11	. .	10.99	05	6	4	. .
. .	50.2	+53 2	. .	10.99	05	6	4	. .
2789	50.3	+60 14	9.4	9.49	09	7	1	*03*
3044	50.3	+55 56	8.9	9.41	02	7	16	. .
. .	50.3	+53 10	. .	11.46	05	6	4	. .
5042	50.3	+25 24	6.3	6.34	05	4	3	33
3045	50.4	+55 53	8.9	9.20	02	6	16	. .
4193	50.4	+48 23	8.0	7.84	05	6	3	. .
4320	50.4	+48 2	9.3	9.88	05	6	3	. .
5133	50.4	+35 24	8.1	8.24	07	3	1	08
3115	50.5	+56 53	7.5	6.04	07b	3	12	01
"	"	" "	"	5.88	07c	3	"	17
4321	50.5	+48 8	9.4	9.88	05	6	3	. .
. .	50.5	+48 5	. .	10.71	05	6	3	. .
. .	50.6	+53 8	. .	12.16	05	8	4	. .
4905	50.6	+16 2	9.5	10.88	01	6	5	. .
6287	50.6	− 9 37	8.0	7.49	01	6	4	*16*
6579	50.6	−14 31	7.5	7.27	05	2	1	*05*
3046	50.7	+56 14	9.2	9.42	02	6	16	. .
4644	50.9	+27 58	9.3	9.49	07	6	23	. .
4907	50.9	+15 44	8.8	8.93	01	6	5	. .
. .	51.1	+56 20	. .	12.60	02	7	16	. .
3047	51.1	+56 10	8.7	8.80	02	6	16	. .
. .	51.2	+56 7	. .	11.56	02	6	16	. .
. .	51.3	+56 13	. .	13.25	02	1	16	. .
. .	51.3	+55 55	. .	12.28	02	7	16	. .
4324	51.3	+48 9	9.0	9.83	05	6	3	. .

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
6291	23 51.3	− 9 17	9.2	9.79	01	6	4	. .
. .	51.4	+56 11	. .	13.18	02	7	16	. .
. .	51.4	+56 0	. .	12.46	02	6	16	. .
3052	51.4	+55 43	9.3	9.72	02	6	16	. .
3053	51.5	+55 59	9.5	10.36	02	6	16	. .
4327	51.5	+47 54	8.9	9.53	05	6	3	. .
5029	51.5	+30 13	9.1	9.44	10	4	7	*18*
3054	51.6	+56 11	9.5	10.15	02	6	16	. .
"	"	" "	"	10.78	02g	2	"	. .
. .	51.7	+56 10	. .	11.56	02r	5	16	. .
3055	51.9	+55 17	7.5	6.75	05	6	1	26
3564	52.0	+53 12	8.8	8.85	05	6	4	. .
5194	52.0	+40 2	7.9	8.30	10	5	7	02
4910	52.0	+15 29	9.5	11.13	01	12	5	. .
2792	52.1	+60 5	9.4	9.52	09	7	1	09
4652	52.2	+27 52	9.0	9.32	07	6	23	. .
5077	52.2	+15 4	7.9	7.45	01	6	5	29
. .	52.3	− 9 29	. .	12.91	01	7	4	. .
6206	52.3	−10 12	7.8	8.24	01	3	1	*41*
2831	52.4	+57 19	8.7	9.08	07	4	3	. .
4337	52.6	+47 52	8.5	9.59	05	6	3	. .
3119	52.7	+56 34	7.7	7.35	07	4	3	. .
3058	52.7	+55 20	8.8	8.74	02r	2	1	*28*
"	"	" "	"	8.49	02g	3	1	*03*
"	"	" "	"	8.52	05	12	"	*06*
"	"	" "	"	8.35	07	5	"	11
3567	52.7	+53 1	9.0	9.46	05	6	4	. .
4865	52.7	+24 35	4.3	4.77	03b	3	13	*02*
"	"	" "	"	5.00	03c	3	"	*25*
. .	52.7	− 9 29	. .	12.75	01	7	4	. .
3568	52.8	+53 46	9.2	9.62	05	6	4	. .
. .	52.8	− 9 22	. .	11.71	01	6	4	. .
. .	52.8	− 9 35	. .	12.75	01	11	4	. .
4914	52.9	+15 49	9.5	11.34	01	12	5	. .
3569	53.0	+52 37	8.7	9.16	05	6	4	. .
4197	53.0	+50 41	9.3	9.85	98	7	2	*05*
"	"	" "	"	10.08	09	6	"	*28*
5072	53.0	+ 0 26	9.5	10.02	00	1	9	. .
"	"	" "	"	10.13	01	2	"	. .
. .	53.0	− 9 24	. .	12.36	01	6	4	. .
4200	53.1	+51 11	9.4	9.80	98	4	25	. .
"	"	" "	"	10.03	09	1	"	. .
. .	53.1	+50 54	. .	12.44	98	6	2	. .
"	"	" "	"	12.51	09	6	"	. .
4291	53.1	+49 53	6.7	6.77	98	5	2	06
. .	53.2	+50 53	. .	13.14	98	1	2	. .
. .	53.2	+50 42	. .	10.73	98	1	2	. .
"	"	" "	"	11.32	09	6	"	. .
5076	53.2	+ 5 6	9.0	9.34	00	2	1	06
"	"	" "	"	9.20	00g	2	"	20

DM.	R.A. 1900.	Dec. 1900.	DM. Magn.	Ptm. Magn.	Opp.	Obs.	Gr.	Res.
	h. m.	° ′						
A	23 53.2	+ 5 6	9.0	9.06	01	2	1	34
"	"	" "	"	9.10	01g	2	"	30
4201	53.3	+50 50	9.5	11.10	98	6	2	. .
"	"	" "	"	11.55	09	6	"	. .
4809	53.3	+ 1 35	9.3	9.59	00	1	9	. .
"	"	" "	"	9.54	01	2	"	. .
6208	53.3	− 9 58	9.5	10.78	01	6	4	. .
6588	53.4	−14 41	7.0	7.18	05	6	4	00
2797	53.5	+60 8	8.2	8.06	08	4	1	05
"	"	" "	"	7.98	09	7	"	13
. .	53.5	+50 48	. .	12.40	98	5	2	. .
"	"	" "	"	12.46	09	6	"	. .
4203	53.5	+50 46	9.0	9.17	98	8	2	01
"	"	" "	"	9.18	09	6	"	00
5077	53.5	+ 4 37	9.5	10.07	00	1	9	. .
"	"	" "	"	10.24	01	2	"	. .
. .	53.6	+50 54	. .	13.46	98	3	2	. .
4294	53.6	+50 9	9.0	9.32	05	5	1	*10*
3570	53.7	+52 50	7.5	7.74	05	4	1	00
"	"	" "	"	7.78	05b	2	"	*04*
. .	53.7	+51 13	. .	11.44	09	1	2	. .
5066	53.7	+30 16	8.1	8.25	10	4	7	11
6295	53.7	− 9 23	8.5	9.12	01	7	4	. .
. .	53.8	+50 45	. .	10.91	98	7	2	. .
"	"	" "	"	11.02	09	6	"	. .
5050	53.8	+26 5	8.3	9.08	08	2	19	. .
"	"	" "	"	9.17	08b	2	"	. .
4868	53.8	+24 55	8.5	9.28	05	6	3	. .
4916	53.8	+15 17	8.8	9.02	99	6	25	*10*
"	"	" "	"	8.80	00	6	"	12
"	"	" "	"	8.76	00g	6	"	16
"	"	" "	"	8.92	01	12	R	00
"	"	" "	"	8.80	01g	6	"	12
3082	53.9	+55 12	5.0	4.65	98	1	25	28
"	"	" "	"	5.15	03b	1	13	*22*
"	"	" "	"	5.21	03c	1	"	*28*
"	"	" "	"	5.03	04b	1	"	*10*
"	"	" "	"	5.16	04c	1	"	*23*
3750	53.9	+51 16	8.5	8.92	98	5	2	*20*
"	"	" "	"	8.90	09	6	"	*18*
5202	53.9	+40 14	8.2	8.64	10	5	7	*27*
4869	53.9	+25 2	8.9	9.46	05	6	3	. .
. .	54.0	+50 49	. .	11.64	98	7	2	. .
"	"	" "	"	11.89	09	6	"	. .
5052	54.0	+25 25	9.3	10.92	05	6	3	. .
6296	54.0	− 9 3	7.8	8.35	01	6	4	. .
744	54.1	+82 30	9.3	9.60	01	6	7	. .
3064	54.1	+55 24	8.5	8.73	02	3	1	*32*
"	"	" "	"	8.35	02g	3	"	06
"	"	" "	"	8.55	05	12	"	*14*

JOHN G. WOLBACH LIBRARY
HARVARD COLLEGE OBSERVATORY
60 GARDEN STREET
CAMBRIDGE, MASS. 02138

3 2044 060 082 047

JOHN G. WOLBACH LIBRARY
HARVARD COLLEGE OBSERVATORY
60 GARDEN STREET
CAMBRIDGE, MASS. 02138

32044060082047